Chawla, S., 521
Chayama, K., 105
Chen, B.-H., 103
Chen, C.-C., 245, 247, 248, 249, 425, 517, 635, 842
Chen, C.-F., 731
Chen, C.-K., 838
Chen, C.-T., 170
Chen, C.-W., 251, 254, 841, 1064
Chen, E.H., 450
Chen, G.-J., 384, 633
Chen, I.-C., 170, 316, 382, 388
Chen, J.-C., 382
Chen, J.-H., 395, 514
Chen, K.-C., 425
Chen, K.F., 845
Chen, K.-T., 370, 1061
Chen, L.-B., 635
Chen, R.-J., 965
Chen, S.-C., 245
Chen, S.-J., 386, 519, 968
Chen, W.-L., 395, 514
Chen, Y.-H., 516, 971
Chenevier-Gobeaux, C., 555
Cheney, P., 750
Cheng, J.-m., 970
Cheng, K.-H., 10
Cheng, P.-L., 112
Cheng, S.-M., 112, 331
Cheng, Y.-C., 1064
Chern, C.-H., 1070
Chew, G., 888
Chiang, Y.-H., 384
Chien, C.-H., 1071
Chikani, V., 655
Chinnock, B., 624
Chiu, T.-F., 382
Chiu, W.-C., 381
Cho, K., 836
Chohan, J., 196
Choi, Y., 836
Chong, C.-F., 112, 245, 247, 248, 249, 253, 425, 517, 842
Chong, V.H., 843
Chou, C.-C., 971
Chou, C.-Y., 24
Chou, M.-h., 384
Chou, W., 574
Chow, Y., 1072
Chu, C.-S., 10
Chu, P., 517
Chu, S.-J., 242, 252, 331, 513
Chuang, C.-H., 253
Chung, S.P., 59, 521
Chung, T.-T., 516
Cınar, O., 631
Cinteza, M., 839
Cıtlak, G., 381
Ciuraszkiewicz, K., 387
Claessens, Y.-E., 555
Clark, L., 655
Clooney, M., 62
Coben, J., 310
Cochran, A.A., 636
Cohen, D.M., 661
Cohen, M., 932
Combes, X., 165
Cook, T., 386
Cooper, J.J., 264
Costello, E.M., 636
Counselman, F.L., 115
Courtney, D.M., 918, 1042
Cousins, B.J., 515
Cowan, R.M., 561
Crandall, C.S., 803
Crandall, M., 255
Creagh-Brown, B.C., 514
Crowell, C., 735
Crozier, S., 742
Curtis, J.A., 840

da Silva Nascimento Ferrais, A., 796
Danzy, L.E., 838
Darkoh, M., 655
Darracq, M.A., 779
Datillo, P.A., 5
Datner, E.M., 264
Daugherty, J., 326
Davis, C., 114
Davitt, M., 270
Davutoglu, V., 630, 634, 968
Dawes, D.M., 504
Day, L., 1072
Day, L.T., 1069
de Almeida Nogueira, J., 796
de la Fuente, F.A., 116
De Simone, C., 834
de Tarso Oliveira e Castro, P., 796
Dean, A.J., 450
Dean, P., 728
Deering, S.H., 735
DeKoninck, P.L., 843
Delerme, S., 235
Delgado, J., 683
Demircan, A., 835
Denny, F.J., 71
DesLauriers, C.A., 799
Diercks, D.B., 91
Dimitroulis, D., 304
Dine, A.P., 639
Donaldson, D., 124
Dorfman, M., 841
Dou, Y., 574
Dovgalyuk, J., 239
Doyle, G.S., 637
Dru, M., 165
Duarte, C.G., 117
Dubos, F., 1059
Ducassé, J.L., 148
Ducharme, J., 867
Duru, M., 402
Dutta, U., 637

Eberhart, M., 462
Edlich, R.F., 371, 636
Eickholt, C., 287
Eisenberg, M., 291
Eisenman, A., 383
Eken, C., 721
Ekindjian, O., 555
Ekkernkamp, A., 974
Ekmektzoglou, K.A., 304
Elbaz, G., 683
Elkington, A., 638
Ely, J.W., 144
Enlund, M., 723
Enright-Smith, S., 389, 592
Eo, E., 388
Er, T.-K., 103, 1061
Eraydin, I., 874
Erbil, Y., 381
Erdur, B., 137
Ernst, A., 750
Ernst, A.A., 389, 592, 670
Ersel, M., 383
Ersoy, G., 137
Erwin, E.A., 522
Esáin, B.F., 1072
Etzion, O., 683
Exadaktylos, A.K., 359

Famularo, G., 834
Fargo, J.D., 857
Farmer, M.C., 516
Feilinger, S., 773
Fenández Esain, B., 118
Feng, J., 792
Feng, Y.-Y., 735
Fengler, B.T., 229, 729
Fenske, K., 66
Fernández Esaín, B.B., 731
Fernandez, W.G., 972
Fernández-Valencia, J.A., 380
Ferre, R.M., 852
Fichet, J., 739
Fildes, J.J., 515
Filipiak, K.J., 408, 965
Fillenbaum, G.G., 454
Finley, P.J., 566
Fischer, D., 532
Fisher, B.S., 857
Fishman, S.M., 255
Follansbee, C.W., 757
Foo, N.-P., 1061
for the ACEP Smoking Cessation Study Group, 757
for the PEMI Study Group, 867
Francisco, R., 837
Frank, M., 974
Frascisco, M.F., 585
Frei, S.P., 39, 176
Fromm, R.E., Jr, 101
Fu, C.-Y., 965
Fux, A., 361

Gabinski, C., 380
Gafni, A., 893
Gaines, T., 537
Gallagher, E.J., 270
Gallerani, M., 363
Galwa, R., 637
Gamberini, S., 513
Gammon, D.L., 566
Gan, J., 419
Gao, L., 898
Garcia, S., 380
Garcia-Almagro, F.J., 439
Gasbarro, V., 363
Gasem, J., 623
Gasgarth, R., 701
Gaudreault, P., 413
Gautschi, O.P., 740
Gaxiola, A., 923
Gebretsadik, T., 473
Geddes, L., 378
Geddes, L.A., 375, 376, 1057
Genee, O., 739
Gennings, C., 237
George, L.K., 454
Gerardi, M., 326
Germann, C.A., 612
Ghinatti, M., 879
Giacomini, G., 1068
Giannini, F.P., 113
Gibbons, G.M., 737
Gimena Ramos, I., 118, 731
Gimeno, J.R., 439
Ginés MA, R., 103
Girzadas, D.V., Jr, 114
Givens, M., 735
Goble, M.M., 66
Gocmen, E., 769
Gökel, Y., 402
Golani, D., 383
Goldberg, S., 967
Goldman, R.D., 893
González-Carrillo, J., 439
Goran, K.P., 626, 951
Gorgulu, S., 966
Gorman, S.M., 918
Goulas, S., 578
Graber, M.A., 144
Grabowski, M., 408
Graf, D., 1061
Grant, W.D., 532
Grechenig, W., 111
Greene, J.A., 636
Griffin, D., 520
Grinberg, D., 385
Gu, J., 419
Guidi, G.C., 373
Guidi, G.C., 624
Guisset, O., 380
Guleria, R., 1060
Gullo, A., 368
Gumpert, R., 1068
Gunay, N., 630, 1067
Gunduz, A., 202, 874
Gupta, S., 237, 296
Gürses, B., 631
Guryay, M., 137
Gutsche, M., 783

Haddock, T., 750
Hagiwara, A., 253
Hakoda, S., 109
Halabe, A., 361
Hallas, P., 1057
Hampson, N.B., 191, 665
Hancock, J.A., 71
Hanrath, P., 287
Hansen, J.P., 389
Hansen, T., 239
Hardy-Yamada, M., 981
Harlak, A., 638
Hartert, T.V., 473
Hartwagner, W., 111

Hasmanoglu, H., 631
Hastings, S.N., 454
Hata, H., 1065
Hatanaka, K., 446
Hauff, N.M., 665
Haugh, D., 233
Haukoos, J.S., 181
Hausfater, P., 676, 742
Hayden, R., 838
Heard, K., 372
Heegaard, W., 342
Heekin, M., 326
Heller, M., 462
Henderson, S.O., 282
Hendey, G.W., 624
Heredia, O., 523
Herlitz, J., 723
Hermand, C., 969
Hermann, C., 740
Hernández Galán, Á., 118
Hernandez, R., 282
Hess, M., 254
Higgins, S., 473
Hilton, E., 592
Hilton, J., 233
Hinz, P., 974
Hirayama, S., 518
Hiyama, T., 105
Hizawa, N., 116
Ho, J.D., 504
Hoekstra, J., 212, 932
Hoffman, R., 721
Hoffmann, Y., 515
Hollander, J.E., 450, 490, 545
Holliday, R.S., 883
Holmes, W.C., 18
Holstege, C.P., 957
Homel, P., 867
Hos, G., 202
Houry, D., 326, 701
Housel, F.B., 186
Houze-Cerfon, C.-H., 148
How, C.-K., 1070
Howell, S.M., 627
Hoyte, C., 116
Hozumi, T., 1066
Hsia, R., 739
Hsiao, C.-T., 170, 316, 382, 384, 970
Hsiao, K.-Y., 316, 382, 384
Hsiao, S.-h., 384
Hsieh, C.-S., 86
Hsieh, C.-T., 384, 516, 633
Hsu, C.-W., 242, 252, 331
Hsu, C.-Y., 517
Hsu, K.-C., 386, 519
Hsu, K.-H., 275, 845
Hsu, W.-C., 731
Hsu, W.-H., 513
Huang, C., 523
Huang, C.-C., 86, 395, 514
Huang, C.-F., 842
Huang, C.-I., 395, 1070
Huang, F.-C., 86
Huang, K.-H., 425
Huang, L.-Z., 54
Huang, M.-Y., 955
Huang, S.-C., 112
Huang, S.-L., 1071
Huang, T.-Y., 381
Huang, Y.-K., 551
Huckfeldt, R., 566
Huczek, Z., 965
Hudson, K., 233
Hue, V., 1059
Humbert, B., 676
Hünerli, K., 381
Hung, D.-Z., 275
Hung, M.S., 888
Hung, S.-W., 112, 842
Hung, T.-Y., 248
Hurtado, J., 439
Hustey, F.M., 695
Hustey, F.M., 697
Hwang, B.-t., 968
Hwang, J.Q., 883

Ide, T., 908
Ignacio, E., 837
Imber, C., 733
Inamoto, S., 1065
Incasa, E., 513
Inokuchi, S., 966
Inoue, I., 959
Inoue, S., 966
Isenberg, D., 840
Ishihara, M., 959
Ishii, Y., 116
Ishimatsu, S., 608, 625
Ishizaka, A., 975
Itoh, Y., 649
Ivan, M., 837
Iwamoto, S., 253

Jabre, P., 165
Jackson, R., 124
Jacob, J., 792
Jacoby, J., 462
Jain, A., 282
Jalihal, A., 843
Jamaludin, A.Z.F., 843
Jang, I.-K., 523
Janion, M., 387
Jarecki, J., 115
Jbeili, C., 165
Jean Louis, C., 118
Jean Louis, C.C., 731
Jeanmonod, D., 789
Jeanmonod, R., 789, 1072
Jeanmonod, R.K., 1069
Jemanez, M., 537
Jiang, G., 419
Jo, I.J., 641
Johnson, B., 701
Johnson, M.A., 504
Jolley, D., 62
Jones, A.E., 689
Jones, M.M., 250
Jones, P., 310
Jong, Y.-J., 103
Joo Suk, O., 837
Jordan, J., 566
Josep, S., 837
Josse, M.-O., 742
Ju, D.-T., 516
Jung, J., 388
Justice, H.M., 115

Kahn, C.A., 71
Kakinuma, T., 981
Kalangos, A., 1067
Kamada, Y., 118, 738
Kamijo, Y., 908
Kan, C.-D., 967
Kao, C.-L., 551
Kao, H.-W., 519
Karahan, S.C., 202, 874
Karatepe, O., 381
Karatzas, T., 304
Karcioglu, O., 137
Karpiński, G., 408
Kataoka, T., 1066
Katircibasi, T.M., 740
Katrinchak, J., 738
Kawagoe, T., 959
Kawasaki, K., 975
Kedia, A., 379
Keles, A., 835
Keller, E., 639
Kelley, A.R., 636
Kelley, M.A., 952
Kelly, A.-M., 62
Kelm, M., 287
Kemball, R.S., 701
Kerr, D., 62
Keskek, M., 769
Kessler, C.S., 904
Khalid, M., 165
Khandelwal, N., 637
Khavandi, A., 638
Khera, K., 1070
Kikuchi, N., 116
Kilbas, Z., 638, 966
Kılınc, H., 1067
Kim, H., 1073
Kim, S., 109
Kim, S.-W., 378
Kimura, M., 981
Kimura, S., 118, 738
Kimura, Y., 118, 518, 738
King, J.A., 519
Kitis, O., 835
Kiuchi, S.-i., 109
Kiyan, S., 835
Kline, J.A., 689
Knaani-Levinz, H., 515
Knackstedt, C., 287
Ko, S.-F., 86
Koc, M., 769
Kochhar, R., 637
Kochman, J., 965
Kocum, T.H., 740
Koenig, K.L., 71
Kohler, P., 206
Koizumi, K., 1065
Kong, X.-f., 970
Konstantakos, E.K., 973
Kontos, M.C., 91
Kopeinigg, G., 111
Kose, A., 1067
Kose, B., 1067
Köseoğlu, Z., 402
Kosiak, W., 320
Koşucu, P., 1035
Koudouna, E., 578
Koulaouzidis, A., 623
Kozak, O., 638, 966
Krauskopf, A., 603
Kruse, B., 1056
Ku, W.-C., 381
Kügler, B., 1068
Kuhn, J.G., 31
Kulkarni, M., 792
Kuo, C.-D., 395
Kuo, L.-C., 251, 254, 841, 1064
Kuo, Y.-C., 246
Kurisu, S., 959
Kurlansky, P., 45
Kurukahvecioglu, O., 973
Kusmiesz, A.L., 773
Kuvandık, G., 402
Kwon, O., 109

Lagi, A., 248
Lai, A.Y.-H., 246
Lai, C.-H., 967
Lai, W.-T., 10
Lai, Y.-C., 635, 735, 838
Lamas, G.A., 45
Larson, T.S., 1047
Lau, C.-I., 112
Laughlin, R.T., 254
Lecarpentier, E., 165
Leder, M.S., 661
Lee, C., 196
Lee, C.-C., 245, 641
Lee, C.-H., 275
Lee, H., 836
Lee, H.S., 59
Lee, J., 867
Lee, J.C., 641
Lee, K., 109
Lee, K.-T., 10
Lee, L.-S., 395
Lee, P.-C., 968
Lee, T.-Y., 86
Lee, W.-C., 251, 254, 841, 1064
Lee, W.-H., 888
Lee, Y.-K., 253
Lefèvre, J., 380
Leiner, A.S., 326
Leipzig, S.M., 904
Lelubre, C., 250, 251
Lent, G.S., 385
Leonard, M., 697
Leonard, M.B., 18
Leppert, J., 723
Lerza, R., 879
Levine, M.R., 918
Levine, S., 1
Levsky, M.E., 246, 367, 736
Lewis, S.C., 523
Lheureux, P.E., 250, 251
Li, S.F., 792
Liao, C.-K., 370
Liao, P.-Y., 24
Liao, S.-C., 382
Lieu, A.-S., 731

Lih, M., 381
Lim, S.H., 433
Limkakeng, A.T., Jr., 545
Lin, A.P., 955
Lin, C.-C., 117, 275, 845
Lin, C.-M., 249, 632
Lin, C.-S., 387
Lin, E.-Y., 516
Lin, H.-C., 245
Lin, H.-H., 24
Lin, H.-J., 370, 1061
Lin, H.-L., 251, 254, 841, 1064
Lin, H.-W., 732
Lin, J.-C., 633
Lin, J.-H., 633
Lin, J.-N., 841
Lin, L.-J., 316, 382, 384
Lin, L.-W., 112
Lin, P.-W., 24
Lin, S.-H., 517, 732
Lin, T.-H., 10
Lin, T.J., 731
Lin, W.-C., 731
Lin, Y.-F., 517, 732
Lin, Y.-K., 841
Lin, Y.-Y., 242, 252
Lindsell, C.J., 469, 763
Liou, W.-P., 971
Lippi, G., 373
Lippi, G., 624
Lipscomb, R.M., 522
Litovitz, T., 310
Liu, C.-L., 249
Liu, H.-P., 551
Liu, J.-H., 24
Liu, K.-T., 388
Liu, S.-W., 1070
Liu, W.-H., 384, 516, 633
Liu, Y.-H., 551
Liu, Y.-L., 24
Lo, B.M., 522
Loh, C.-H., 971
Long, W.B., III, 636
Loo, W.T., 574
Lopez, M.D., 733, 1069
Lotterman, S., 974
Louis, C.J., 1072
LoVecchio, F., 635
Lowe, C., 566
Lozano, H., 45
Lu, J., 970
Lu, K.-C., 247
Lu, M.-S., 551
Lundin, E.J., 504
Luyber, T.J., 972
Lvovschi, V., 676
Lyew, R.V., 735
Lynn, J.-J., 1071

Ma, H.-I., 633
Ma, M., 763
Ma, S., 711
Ma, W., 893
Ma, Y., 419
Maccaro, P., 734
MacIntyre, D.A., 515
Madonna-Py, B., 742
Madreperla, S.A., 836
Majlesi, N., 721
Makaryus, A.N., 716, 732, 734, 967
Makaryus, J.N., 732, 967
Malone, A., 515
Manfredini, F., 363
Manfredini, R., 363, 513
Mann, C.D., 631
Manthous, C.A., 104
Margenet, A., 165
Margulescu, A.D., 839
Markarian, M.K., 515
Martinez-Almoyna, L., 237
Martinez-Diaz, G.J., 739
Martinot, A., 1059
Martins, H.S., 113
Marty, J., 165
Marzocchi, S., 513
Mascoli, F., 363
Masneri, D., 367
Masneri, D.C., 246
Matas, Z., 361
Matsumoto, R., 1068
Mattu, A., 817
Mayerhoefer, M., 603
McCans, K., 18
McCarthy, D.M., 799
McClintock, R.L., 972
McCowan, C., 637
McCowan, C.L., 110
McCubbin, T.R., 181
McDaniel, N., 221, 348, 497, 506
McDonough, M., 519
McMonicle, T.L., 972
Melanson, S., 972
Mendoza-Davila, N., 902
Meng, L., 898
Mentes, O., 638, 966
Mentese, A., 202, 874
Meraj, P.M., 716
Messinger-Rapport, B.J., 697
Metcalfe, M.S., 631
Meucci, E., 248
Meulenbelt, J., 110
Meyer, M.A., 189
Mier, J., 110
Miller, C.D., 212
Miller, L.J., 31
Miller, M.A., 246, 367, 736
Miller, T., 310
Mills, A.M., 450, 757
Min, B.G., 641
Miner, J., 1029
Miner, J.R., 504, 867
Minisola, G., 834
Minton, P.A., 473
Minuto, P., 879
Mir, M.A., 942
Mischke, K., 287
Mo, H.-H., 245
Mochizuki, T., 608
Moghaddam, H.H., 634
Mohan, A., 1060
Monnahan, J., 144
Montagnana, M., 624
Montout, V., 742
Moore, C.L., 883
Mori, K., 649
Morita, S., 966
Mosca, A.-L., 111
Moya, J., 837
Mueller, J.G., 113
Muro, T., 1066
Muroi, C., 639
Murphy, M., 969
Murphy, T.G., 186
Mussa, A., 585
Mycyk, M.B., 799
Myers, P.O., 1067

Nagdev, A., 630, 969
Nagurney, J.T., 523
Nakama, Y., 959
Nakamura, Y., 1066
Nara, S., 649
Narahara, S., 981
Naviaux, N.W., 181
Neal, C.P., 631
Neff, C.M., 110
Nelson, L.S., 985
Nestor, J., 270
Nestor, N.B., 946
Netto, F.A.C.S., 597
Neuman, T., 1
Ng, S.-H., 86
Ngiam, R., 789
Nicholls, S.E., 852
Nilles, E.J., 737
Nixdorff, N., 697
Noizet-Yvernaux, O., 1059
Nordenholz, K.E., 181
Norton, H.J., 81
Nourani, C., 635
Novack, V., 683
Nowotny, T., 974

Oberndorfer, F., 603
O'Brien, A.J., 504
O'Brien, K., 155
O'Connor, M., 221, 348, 497, 506
O'Donnel, D.P., 252
Ogiso, S., 1065
Ohama, S., 966
Ohta, Y., 116
Ohtsuka, M., 116
Okada, Y., 446, 975
Okin, R.L., 155
Okpara, O., 5
Ondze, I., 742
Ong, J.-R., 842
Ong, M.E.H., 433
Onur, K., 973
Opolski, G., 408, 965
Orio, K.E., 114
Osborne, M.R., 883
Otani, N., 608
Otani, T., 1065
Otano, T.B., 1072
Ozkutuk, A., 137
Özlü, T., 1035
Özsu, S., 1035
Öztuna, F., 1035
Ozturk, E., 966
Pachón, M., 106
Palaniswamy, C., 1060
Palomino, M., 1066
Pamukcu, G., 835
Panacek, E.A., 779
Panagos, P.D., 808
Papadimitriou, D., 578
Papadimitriou, L., 578
Papagrigoriades, S., 359
Parekh, D., 367
Park, R.S., 454
Park, S., 521
Park, Y.S., 59, 521
Parker, H., 104
Parlak, I., 137
Pascual, D., 439
Passos, A.D.C., 796
Patcha, R., 734
Patel, D., 1070
Patel, S.N., 516
Patil, M., 701
Patrick, C., 734
Patterson, R., 566
Paula, R., 737
Paz, Y., 374
Pazin-Filho, A., 796
Pease, J., 736
Pehlivan, Y., 634
Pekdemir, M., 383
Pennell, K.N., 522
Pérez de Ciriza, M.T.F., 1072
Pernet, P., 969
Peros, G., 480
Perrea, D.N., 304
Perron, A.D., 119
Piatkowski, R., 965
Pichler, W., 111
Pierce, L.C., 1042
Pierre, B., 739
Pijnenborg, J.M., 843
Pines, J.M., 264
Pirotte, M.J., 113
Piskunowicz, M., 320
Po, H.L., 632
Pollack, M., 773
Poornachandra, K., 637
Poprawski, T., 113
Porath, A., 683
Prapa, V., 578
Prat, S., 380
Prause, G., 1068
Prentice, O., 972
Price, D.D., 706
Prieto, M.P., 840
Prince, L.A., 532
Probert, J., 638
Prusakowski, M., 757
Puchol, A., 106, 1066
Puymirat, E., 380

Quazi, S., 462
Quinn, J.V., 490

Racht, J., 630
Randles, B.D., 144
Ray, P., 235, 555
Raymond, L.W., 250

Reed, J.F., 39
Repplinger, M., 913
Reynolds, B.Z., 842
Rhee, S.-J., 733
Rhodes, K.V., 757
Ricard, R., 837
Ricardo, M., 837
Riccardi, A., 879
Richards, M., 670
Richardson, D.M., 39, 176
Richman, P.B., 655
Rifenburg, R.P., 366
Riggins, M., 246
Riou, B., 555, 676, 742
Risser, D., 603
Ristagno, G., 368
Rivera-Ruiz, M., 1064
Rizoli, S.B., 597
Robbins, K., 233
Robertson, G.S., 631
Robey, J.L., 450
Robinson, M., 834
Rodriguez-Barranco, M., 439
Rodriguez-Padial, L., 106, 1066
Rodriquez, E., 532
Roethel, M., 716
Roik, M., 965
Rokas, G., 578
Roldan, C.A., 379
Rosa, V., 837
Rosenbaum, C., 242
Rosenberry, C.M., 763
Rosenzweig, J.S., 5
Rosiere, L., 282
Ross, R., 964
Rothbaum, B.O., 326
Rottenberg, E.M., 375
Rowane, J.E., 636
Rundell, A.E., 1057
Rusetski, V., 383
Russell, R.M., 202
Russo, V., 196

S, S., 433
Saak, K., 689
Sadosty, A., 1056
Sahni, V., 1073
Saito, S., 981
Saito, T., 966
Sakakibara, N., 518
Sakamoto, T., 446
Sakaue, H., 981
Sakorafas, G.H., 480
Salameh, B., 603
Sallee, D., 834
Salmasıoglu, A., 381
Salmi, R., 363
Sam, K.G., 1070
Sánchez, A.M., 1066
Sanchez, L., 750
Sane, S., 523
Sankarakumar, S., 843
Santana, A.N.C., 113
Sari, I., 630, 634
Sarisoy, H.T., 383
Satar, S., 402
Sato, T., 981
Satoh, H., 116
Scalabrini-Neto, A., 113
Scharf, S.M., 131
Schauerte, P., 287
Schenck-Dhif, M., 971
Schimpf, T., 287
Schladenhaufen, R., 773
Schmader, K.E., 454
Schmelzer, T.M., 119
Schmerler, B.L., 661
Schmidt, C., 783
Schmucker, U., 974
Schneider, B., 603, 783
Schneider, F., 971
Schreiber, R., 520
Schultz, C.H., 71
Schulz, C.J., 81
Schutt, R.C., 233
Seak, C.-J., 117, 382, 845
Sease, K.L., 450
Secko, M., 379
Sedlak, M., 359
Šedý, J., 963
Seibert, F.J., 111
Selvaraj, D.R., 1060
Seno, S., 253
Seow, V.-K., 253
Serafini, M.E., 627
Seupaul, R.A., 252
Sezgin, A.T., 740
Shachor-Meyouhas, Y., 515
Shadnia, S., 634
Shah, M.N., 372
Shambley-Ebron, D.Z., 857
Sharivker, D., 383
Shavit, I., 515
Shaw, G.J., 763
Shedek, B.K., 737
Sheena, Y., 733
Shen, T.-C., 253
Sheng, L., 419
Sheppard, M., 310
Sheshadhri, S., 1070
Sheu, S.-H., 10
Shiao, C.-J., 316, 382
Shih, C.-P., 275, 845
Shimatani, Y., 959
Shin, J., 721
Shin, S.D., 641
Shinya, H., 109
Shiver, S.A., 520, 842
Shofer, F.S., 450, 545, 757
Shor, R., 361
Shulman, H., 597
Shults, J., 18
Shumway, M., 155
Sidebottom, M., 239
Sielski, J., 387
Sierzega, G.M., 39, 176
Sikma, M., 110
Silva, R.V., 113
Simmons, M.D., 972
Simons, R., 291
Sing, R.F., 119
Singer, A.J., 196, 490, 641
Singh, A., 1058
Singla, V., 637
Sis, B., 137
Sisson, C., 969
Sisu, R.C., 839
Sklar, D.P., 670, 803
Sloane, C., 1
Smith, C.A., 521
Smith, L.S., 326
Smith, M.B., 962
Smith, M.D., 518, 738
Smith, S.W., 342
Soares, C.S., 796
Södersved Källestedt, M.-L., 723
Sojka, B., 233
Sommers, M.S., 857
Soreide, A.H., 1065
Soreide, K., 1065
Stahmer, S.A., 18
Steichen, O., 237
Steiner, C., 310
Sternbach, G.L., 1064
Stewart, D.P., 108
Stewart, J.A., 618
Stone, M.B., 706
Strayer, R.J., 985
Strote, J., 206, 291
Strout, T.D., 852
Su, C.-S., 388
Su, H.-M., 10
Su, S., 566
Su, Y.-C., 249
Su, Y.-H., 633
Su, Y.-J., 635, 735, 838
Sucu, M.M., 968
Suehiro, S., 1066
Suh, G.J., 641
Sundermann, R., 124
Suto, T., 981
Svenson, J., 465
Svenson, J.E., 913
Swanson, D.R., 81
Sweeney, T.W., 852
Swieton, D., 320
Szymanski, F.M., 408

Tai, H.C.-H., 514
Takagi, M., 1066
Takahashi, G.W., 636
Takakuwa, K.M., 545
Takemoto, Y., 1066
Takeyama, Y., 649
Talbot, A.C., 962
Talmor, D., 683
Tampieri, M., 513
Tamura, K., 966
Tanabe, P., 867
Tanaka, S., 105
Tang, W.-h., 970
Tanguay, J.J., 247
Tanno, K., 518, 649
Tatli, O., 202
Taxter, A.J., 973
Tayal, V.S., 81
Teeter, D.S., 71
Teo, J., 433
Terraz, S., 1067
Teruel, F., 439
Tez, M., 769
Tezcaner, T., 973
Thivierge, R.L., 413
Thomason, M.H., 119
Thunga, G., 1070
Tiao, M.-M., 86
Tien, H., 597
Tilis, Y., 361
Tobe, M., 981
Todd, K.H., 867
Togun, I., 1067
Tokuda, Y., 625
Topbas, M., 202, 874, 1035
Trabold, B., 783
Trainor, A., 1029
Tremblay, L.N., 597
Tsai, H.-L., 1070
Tsai, L.-Y., 103
Tsai, M.-C., 968
Tsai, S.-H., 112, 242, 249, 252, 331
Tsai, T.-C., 888
Tsai, T.-N., 112
Tsai, T.-Y., 253
Tsai, W., 838
Tsai, W.-C., 385, 513
Tsao, Y.-T., 385, 513, 517, 732
Tsitsilonis, S., 304
Tsuji, T., 966
Tufan, T., 966
Tükenmez, M., 381
Turan, I., 202, 874
Turedi, S., 202, 874

Ucar, U., 202
Umeda, A., 975
Ureña, A., 837

Vadeboncoeur, T., 1056
Vadeboncoeur, T.F., 655
Vaji, K., 697
Vaksmann, G., 1059
Valdés, M., 439
Valerio, P., 837
Valverde, I., 1066
Van Deusen, S.K., 5
Van Klompenberg, L.H., 108
van Zutphen, S.W., 843
Varon, J., 101, 244, 693, 902, 923, 1064
Vasaiwala, S.C., 520
Vaubourdolle, M., 969
Velasco, I.T., 113
Venkat, A., 469
Verma, G.G., 1073
Vilke, G.M., 1
Villegas, M., 439
Vinereanu, D., 839
Vinson, D.R., 779
Vlachos, I.S., 304
Volpicelli, G., 585
Von Hoff, D.D., 31
Voon, W.-C., 10

Wagner, O.J., 359
Wake, R., 1066
Walker, P.R., 638

Wallance, K., 635
Wan, Y.-L., 86
Wang, A.-C., 386, 968
Wang, B., 54
Wang, G.-Y., 54
Wang, H., 711
Wang, H.-l., 970
Wang, H.-P., 971
Wang, M., 574
Wang, R., 706
Wang, R.-F., 245, 248, 425
Wang, T.-L., 245, 247, 248, 249, 253, 425, 517, 842
Wang, W., 381, 382, 387
Wang, Y., 898
Wang, Z.-L., 54
Warabi, R., 518
Warabi, T., 518
Warren, E., 250
Wasser, T.E., 176
Watanabe, M., 975
Watts, D., 635
Watts, D.J., 972
Wax, P., 635
Weber, J.E., 91
Wei Hao, L., 249
Wein, D.A., 737
Weinrib, D.A., 250
Weiss, S., 750
Weiss, S.J., 389, 592, 670
Wells, K., 957
Weng, C.-s., 1068, 1071
Weng, H.-H., 170
Weng, Y.-M., 970, 1068, 1071
Wenzel, R.P., 237
Werner, S.L., 639
Whitaker, J., 638
White, J.D., 741
White, N., 1072
Wilber, S., 372
Wild, B., 359
Williams, M.D., 834
Williamson, M., 957
Wilsey, B.L., 255
Wirtz, E., 736
Wise, C., 1069
Withers, E., 803
Witting, M.D., 131
Wolf, S.J., 181
Wong, S.C., 840
Woode, D.R., 636
Wu, B.-H., 517
Wu, C.-C., 633
Wu, D., 45
Wu, H.-W., 971
Wu, H.-Y., 967
Wu, J., 419
Wu, S.-C., 965
Wu, X.-t., 970
Wu, Y.-L., 514
Wu, Y.-S., 252

Xanthos, T., 304, 578
Xie, L., 370
Xu, H.-B., 54
Xu, S., 419

Yalamanchili, C., 518
Yaldizli, Ö., 639
Yamaguchi, T., 1065
Yamamoto, I., 966
Yanagawa, Y., 253, 446
Yang, S.-C., 731
Yang, S.-P., 112, 331, 385
Yang, Y.-F., 24, 722
Yap, S., 433
Yeh, K.-H., 632
Yen, D.H.-T., 1070
Yigit, T., 638
Yildirim, C., 630, 634, 1067
Yildirim, N., 108
Yilmaz, O., 137
Yilmaz, S., 383
Yoldas, O., 769
Yona, Z., 383
Yoon, S., 836
Yoon, W.Y., 59
Yoshihara, M., 105
Yoshiyama, M., 1066
You, J.S., 521
Young, C.F., 918
Yuan, Y.-D., 170
Yuruktumen, A., 835

Zaccheo, M.V., 636
Zaloshnja, E., 310
Zangirolami, A., 513
Zarich, S., 104
Zazpe Cenoz, I., 118
Zehtabchi, S., 379
Zemlan, F.P., 763
Zengin, S., 630, 634, 1067
Zhang, M., 419
Zhao, L., 54
Zheng, S., 716
Zheng, W., 54
Zhou, H., 54
Zink, T.M., 857

American Journal of Emergency Medicine (2008) **26**, 1080–1093

ELSEVIER

The
American Journal of
Emergency Medicine

www.elsevier.com/locate/ajem

INDEX TO VOLUME 26
Keywords

Abdominal aortic aneurysm
rupture of
masquerading as phlegmasia cerulea, 1067.e1-1067.e2
resuscitation using endovascular balloon in an octogenarian, 967.e1-967.e3
screening using emergency ultrasound, in asymptomatic at-risk patients, 883-887
Abdominal compartment syndrome, perforated peptic ulcer associated with, 1071.e3-1071.e5
Abdominal compression, rhythmic, new CPR method for VF
(erratum), 378
(letter), 374-377, 625-626
Abdominal distention, as presentation of acute ovarian torsion, 520.e1-520.e3
Abdominal pain
with diarrhea, developing a prediction rule to identify patients requiring surgery, 450-453
hypotension, and tachycardia, ovarian hyperstimulation syndrome presenting as, 736.e3-736.e4
as presentation of
acute ovarian torsion, 520.e1-520.e3
Varicella zoster (letter), 1062-1063
Abdominal surgery, avoidable in pneumatosis coli, 517.e1-517.e2
Abscess
epidural brain, community-associated methicillin-resistant *Staphylococcus aureus*, missed diagnosis of, in a patient with recent furunculosis, 522.e3-522.e4
paravertebral, as presentation of colonic cancer causing acute lower back pain, 513.e3-513.e4
Acalculous cholecystitis, delayed necrotizing, after multiple trauma, 631.e1-631.e2
Access immunoassay, for quantitative measurement of hCG in urine (letter), 103-104
Acetaminophen, overdose of, during pregnancy, treatment with intravenous *N*-acetylcysteine, 735.e1-735.e2
N-Acetylcysteine, intravenous, for treatment of acetaminophen overdose during pregnancy, 735.e1-735.e2
Acid-base interpretation, as predictor of outcome among patients with acute organophosphate poisoning before hospitalization, 24-30
(letter), 721-723
Active range of motion, preservation after acute elbow trauma, as predictor for absence of elbow fracture, 779-782
Acute abdomen, spontaneous rupture of spleen as differential diagnosis of, 733.e5-733.e6
Acute coronary syndrome (ACS)
cardiac literature 2007, 817-833
prognostic value of admission ST-segment elevation in lead aVR, in combination with conventional risk factors in, 408-412
transitioning to percutaneous coronary intervention, use of adjunctive anticoagulants in patients with, 932-941
Acute myeloid leukemia, presenting as one-and-a-half syndrome, 513.e1-513.e2
Acute myocardial infarction. *see* Myocardial infarction (MI), acute
Acute pericarditis, cardiac literature 2007, 817-833
Acute severe hemorrhagic shock (ASHS), changes in SOD activity and MDA plasma level during, in rats, 54-58
Addisonian crisis, in Schmidt syndrome, epigastric pain as presentation of, 251.e3-251.e4
Adenosine
for PSVT, prognostic index for efficacy of, 304-309
in the treatment of SVT, 879-882
Adjunctive therapy, with intravenous dexamethasone, for migraine headaches, 124-130
Adolescents
pneumopericardium and pneumomediastinum after motor vehicle crash and ejection, 515.e1-515.e2
variant angina with intermittent Wolff-Parkinson-White syndrome in, 968.e5-968.e7
Adult
role of DRE in suspected appendicitis in (letter), 359-360
small-bowel intussusception due to ascaris in, 381.e3-381.e4
Adverse drug effects
associated with ketamine for procedural sedation in adults, 985-1028
and PIMs, prevalence in elderly ED patients, 697-700
Aeromonas infection, as predictor of mortality in patients with necrotizing fasciitis, 170-175
Age, -related changes in pediatric ECG, 221-228
(erratum), 506-512
Agenesis, partial, of posterior arch of atlas, 118.e3-118.e5
Airbags, and oral anticoagulation, deadly combination in low-velocity car accident, 111.e3-111.e5
Air travel, spontaneous pneumomediastinum after, 116.e1-116.e2
Airway management, comparison of success rate for intubation with three devices for, during emergency medical training, 783-788
Airway obstruction, upper
acute, caused by laryngeal sarcoidosis, 114.e1-114.e3
caused by Forestier disease, 1072.e1-1072.e3
Albumin, ischemia-modified
in diagnosis of acute mesenteric ischemia, 202-205
levels in cerebrovascular diseases, 874-878
value in the diagnosis of pulmonary embolism (letter), 624-625
Alcohol
comparison of use in perpetrators *versus* victims of IPV, 592-596
drinking, and intensified exercise, abdominal wall rhabdomyolysis induced by, 521.e3-521.e4
intoxication, prevalence of vitamin deficiencies in ED patients with, 792-795
misuse, in relation to recent depressive symptoms, among ED patients, 537-544
Algorithms, ECG, for predicting complexity of coronary artery lesions in STEMI, 10-17
Amantadine, serotonin syndrome induced by, in patient with renal failure, 112.e5-112.e6
Ambulance, modular, ambient levels of nitrous oxide in, 186-188

0163-8343/$ – see front matter
doi:10.1016/S0735-6757(08)00726-2

Ambulance diversion, outcome of new protocol on diversion hours and emergency medical service drop-off times, 670-675
Amino-terminal pro-brain natriuretic peptide (NT-proBNP) levels, in relation to in-hospital mortality, in elderly patients with dyspnea, 555-560
Amyand hernia, an unusual variant of inguinal hernia, 637.e5-637.e6
Analgesia
early, in relation to delayed treatment of appendicitis, 176-180
in ED
improvement of racial disparities in use of, 462-464
postintubation, inadequate provision of, 469-472
ethyl chloride spray *vs.* ice cube for, pretreatment for antibiotic skin test, 59-61
Analgesics
administration in ED, influence of triage scoring systems and triage priority scores on timeliness of, 867-873
for pain from long-bone fractures, racial or ethnic disparity, 270-274
Anemia
predicting development of, by measuring inferior vena cava diameter of patients with spinal cord injury, 446-449
severe
associated with transient ischemic attacks involving vertebrobasilar circulation, 382.e3-382.e4
due to massive bleeding associated with leech bites, 1067.e3-1067.e6
Angina, variant, in an adolescent with intermittent Wolff-Parkinson-White syndrome, 968.e5-968.e7
Angiomyolipoma, spontaneous hemorrhagic, with massive hematuria leading to nephrectomy, 249.e3-249.e5
Antibiotics, effect of automated chest radiograph at triage on time to, in patients with pneumonia, 264-269
Antibiotic skin test, ethyl chloride spray *vs.* ice cube, for analgesic pretreatment for, 59-61
Antibodies, heparin-induced thrombocytopenia, multiple cardiac thrombi and thromboembolism in a patient with heart failure, 1066.e5-1066.e7
Anticoagulants
adjunctive, use in patients with ACS transitioning to percutaneous coronary intervention, 932-941
catastrophic use of, in painless aortic dissection misdiagnosed as brainstem stroke with, 253.e1-253.e2
oral, and airbags, deadly combination in low-velocity car accident, 111.e3-111.e5
Antiplatelet agents, in management of stroke, 808-816
Antiplatelet therapy, adjunctive, role in STEMI, 212-220
Antipsychotic medications, atypical, profound hypothermia secondary to normal use of, 737.e1-737.e2
Antithrombotic therapy, for prevention of secondary stroke, 808-816
Antivenom therapy, low-dose, efficacy on morbidity and mortality in snakebite, 402-407
(letter), 1058-1059
Anxiolysis, in ED, postintubation, inadequate provision of, 469-472
Aorta
complete occlusion of, caused by cardiac myxoma emboli, 110.e1-110.e2
gas embolism in, induced by necrotizing gastroenteritis, 253.e3-253.e4
Aortic aneurysm, clinical characteristics of, as cause of sudden death in outpatients, 1042-1046
Aortic dissection
acute, with painless paraplegia, 631.e3-631.e5
clinical characteristics of, as cause of sudden death in outpatients, 1042-1046
day-of-week variability in the occurrence and outcome of (letter), 363-366
painless, misdiagnosed as brainstem stroke with catastrophic anticoagulant use, 253.e1-253.e2
pheochromocytomas in (letter), 626-627
proximal, in young patients, pericarditis as initial manifestation of, 379.e3-379.e5
serum marker for, 942-945
type A
painless, in bigeminal premature ventricular contractions, 112.e1-112.e3
presenting with seizure, 245.e1-245.e2
Aortic rupture, day-of-week variability in the occurrence and outcome of (letter), 363-366
Apical ballooning syndrome, normal coronary arteries as typical feature of, 965.e1-965.e4
Appendicitis
acute
perforated, with leukopenic presentation, 735.e3-735.e4
preoperative WBC count in patients operated for suspected, 769-772
with sepsis, pelvic ectopic kidney with acute pyelonephritis suspected as, 517.e3-517.e4
urinary 5-HIAA levels in diagnosis of, 282-286
early analgesia in relation to delayed treatment of, 176-180
outcome of, with increasing CT scanning, 39-44
suspected, in adults, role of DRE in (letter), 359-360
Arachnoid cyst, giant posterior fossa, herniation of, as differential diagnosis in postural headache, 247.e1-247.e3
Arrhythmia
in pediatric population, 221-228
ECG manifestations, 348-358
(erratum), 506-512
Arrhythmogenic right ventricular cardiomyopathy (ARVC), specific ECG features in (letter), 106-107
Arteriovenous fistula, cervical, ruptured, presenting with subarachnoid hemorrhage and quadriplegia, 249.e1-249.e2
Arteriovenous malformation
pulmonary, presenting with chest pain, hemoptysis, and hypoxia, 904-907
spinal
acute quadriparesis caused by, 731.e1-731.e3
presenting with altered mental status and fever in a toddler, 1072.e5-1072.e7
Ascaris, as cause for small-bowel intussusception in adult, 381.e3-381.e4
Ascites, complicated diffuse lipomatosis mimicking as, 379.e1-379.e2
Ascitic fluid, appearance of, in detection of spontaneous bacterial peritonitis (letter), 623-624
Asthma, acute
outcomes assessment using severity measures as first step in development of prediction rule, 473-479
severe, lactic acidosis induced by salbutamol for treatment of, 514.e1-514.e3
Ataxia, acute, as manifestation of Lyme disease neuroborreliosis in a child, 1069.e5-1069.e6
Atenolol, combined with epinephrine, effect on outcome of CPR in VF, 578-584
Athletes, recreational, lateral compartment syndrome of the lower extremity in, 973.e1-973.e2
Atlas
congenital defect of, as cause of misdiagnose when evaluating an acute neck trauma, 840.e1-840.e2
posterior arch of, partial agenesis of, 118.e3-118.e5
Atmospheric pressure, correlation with incidence of pulmonary thromboembolism, 1035-1041
Atrial fibrillation
paroxysmal, role of serum PTHrP levels in (letter), 361-363
refractory unstable, in ED, double-dose external cardioversion for, 385.e1-385.e3
Attention deficit disorder with hyperactivity (ADHD), procedural sedation for fracture reduction in children with, 661-664
Authorship, collaboration, and their effect on extramural funding in EM literature, 5-9
Avulsion, calcaneal fractures, complicated by skin necrosis due to delayed treatment of, 254.e1-254.e4
Axis, congenital defect of, as cause of misdiagnose when evaluating an acute neck trauma, 840.e1-840.e2

Back pain, lower
acute, caused by paravertebral abscess and colonic cancer, 513.e3-513.e4
due to spontaneous septic diskitis, 514.e5-514.e6
Bacterial peritonitis
gas-forming, mimicking hollow organ perforation, 838.e3-838.e5
spontaneous, appearance of ascitic fluid in detection of (letter), 623-624
Base deficit, arterial *versus* central venous, as predictor of survival in acute trauma, 119-123
Basilar aneurysm, electrocardiographic T-wave changes in, 716-720
Beers criteria, as standard for measuring prevalence of inappropriate prescribing in elderly ED patients (editorial), 695-696

Benzathine penicillin, injection, causing acute paraplegia and pulmonary edema, 250.e1-250.e5
(letter), 963-964
Beta-agonists (β-agonists), in patients with COPD and heart disease (letter), 104-105, 1060
Bilevel positive airway pressure (BiPAP), ventilation, feasibility in out-of-hospital setting, 165-169
Biological weapons, healthcare facility-based decontamination of victims exposed to chemical, radiological and, 71-80
Bites
human, causing inguinal phlegmon with positive serology for syphilis, 250.e7-250.e8
leech, as cause of coagulation disorder, massive bleeding, and severe anemia, 1067.e3-1067.e6
Black widow spider, envenomation, myocarditis from, 630.e1-630.e3
Bladder stone, as cause of acute renal failure, 246.e3-246.e4
Bleeding
gastric varices, wandering spleen presenting as, 637.e1-637.e4
massive, due to leech bites, 1067.e3-1067.e6
Blister, hemorrhagic, clinical characteristics and confirmative diagnoses, 316-319
Blood gas analysis
arterial *versus* central venous, as predictor of survival in acute trauma, 119-123
venous, venous-arterial Pco_2 and pH differences
increased by hyperventilation and finger exercise, 975-980
Blood pressure
cuff, noninvasive, causing humerus fracture, 1073.e1-1073.e2
elevated, in ED patients, prevalence estimates using 4 methods of categorization, 561-565
Blood pump, nonpulsatile *versus* dual pulsatile, in hemoperfusion for paraquat poisoning, 641-648
Body fluid status, in children and young adults, assessment using sonographic IVC/Ao diameter index, 320-325
Body wash. *see* Liquid skin cleanser
Bone marrow aspiration, massive retroperitoneal hemorrhage after, 1070.e5-1070.e6
Brain abscess, epidural, community-associated methicillin-resistant *Staphylococcus aureus*, missed diagnosis of, in a patient with recent furunculosis, 522.e3-522.e4
Brain edema, due to acute hypoxic anoxic encephalopathy characteristics of SAH, 521.e1-521.e2
Brain injury, mild traumatic, serum cleaved tau for prediction of postconcussion syndrome after, 763-768
Brainstem, stroke, with catastrophic anticoagulant use, painless aortic dissection misdiagnosed as, 253.e1-253.e2
Brugada syndrome, ECG changes in patient taking lithium due to, 113.e1-113.e3
Bullet-proof vest, chest injury while wearing, 736.e1
Bullets. *see* Firearm projectiles
Burn injury, associated with white phosphorus, 974.e3-974.e5

Caffeine abuse, hospitalization for, in association with abuse of other pharmaceutical products, 799-802
Canadian Pediatric Emergency Triage and Acuity Scale (Ped-CTAS), correlation to resource utilization in ED, 893-897
Cancer, as predictor of mortality in patients with necrotizing fasciitis, 170-175
Candidiasis, diaper, diabetic ketoacidosis in toddler with, 834.e1-834.e2
Capillary refill time (CRT), normal, impact of patient and environmental factors on, 62-65
Carbon monoxide poisoning
clinical significance of carboxyhemogloin levels in, 665-669
lactate serum level as prognostic factor in, 966.e1-966.e3
myelin basic protein in cerebrospinal fluid as a predictive marker of delayed encephalopathy from, 908-912
Carboxyhemoglobin
levels of, clinical significance in carbon monoxide poisoning, 665-669
stability in stored and mailed blood samples, 191-195
Cardiac arrest
cardiac literature 2007, 817-833
effect of
emergency CPB for resuscitation on survival rate, 649-654
naloxone combined with epinephrine on resuscitation of, 898-901
occurring in the field and transported *versus* in the ED, length of unsuccessful resuscitations for, 206-211
out-of-hospital, effect of different methods of relieving nontraumatic hemopericardium on outcome of, 425-432
in a patient with normal coronary arteries, 734.e5-734.e7
prescription of naloxone in ED management of patients with, 113.e5-113.e8
in setting of diet pill consumption, 732.e1-732.e3
Cardiac defibrillation, after long episodes of VF, 287-290
Cardiac life support, advanced, use of naloxone in (editorial), 902-903
Cardiac memory, T-wave changes after ventricular tachycardia in pregnancy, 968.e1-968.e3
Cardiac myxoma
emboli, complete aortic occlusion caused by, 110.e1-110.e2
giant, sepsis as complication of, 387.e3-387.e4
Cardiac rhythm, changes of, evaluation during deployment of Taser X26 on healthy volunteer, 1-4
Cardiac syndromes, ECG abnormalities in pediatric patients, 497-503
Cardiac tamponade, new complication in MELAS, 382.e1-382.e2
Cardiac tests, preferences for, sex and race disparities, 545-550
Cardiac thrombosis, multiple, and thromboembolism, in heparin-induced thrombocytopenia antibody positive patient with heart failure, 1066.e5-1066.e7
Cardiac troponin I. *see* Troponin I, cardiac
Cardiogenic pulmonary edema, cardiac literature 2007, 817-833
Cardiogenic shock, secondary to VF, subsequent to inferior MI, 387.e1-387.e2
Cardiomyopathy, arrhythmogenic right ventricular, specific ECG features in (letter), 106-107
Cardiopulmonary bypass (CPB), for resuscitation after cardiac arrest, effect on survival rate, 649-654
Cardiopulmonary reanimation, inadvertent intracranial placement of the Wendl tube as complication of, 639.e1-639.e2
Cardiopulmonary resuscitation (CPR). *see also* Resuscitation
alternative to mouth-to mouth breathing in (letter), 1057-1058
augmented (letter), 964
bystander, comparison of rates for Hispanic *versus* non-Hispanic OHCA, 655-660
rationale of use of vassopressor agents, epinephrine as first choice for (letter), 368-370
response on adverse effect of epinephrine during and after (letter), 370
for VF, new method using rhythmic abdominal compression
(erratum), 378
(letter), 374-377, 625-626
in VF, effect of atenolol and epinephrine on outcome of, 578-584
Cardiovascular parameters, influence of weight force application to lower torso on, 603-607
Cardiovascular toxins, in relation to ECG abnormality in poisoned patients (letter), 957-959
Cardioversion, double-dose external, for refractory unstable atrial fibrillation in ED, 385.e1-385.e3
Carotid artery, damage control in the transection of, 841.e3-841.e5
Case management, cost-effectiveness of, for ED frequent users, 155-164
Catheterization, in pediatric patients, effect of volumetric ultrasound performed by trained nurses on, 18-23
Cat-scratch, *Pasteurella multocida* septic shock after, in elderly, 380.e1-380.e3
Central cord syndrome, in a patient with Klippel-Feil syndrome, 252.e1-252.e2
Cerebral artery dissection, isolated middle, causing childhood stroke, after backward somersault, 519.e3-519.e5
Cerebral venous sinus thrombosis, due to hyperthyroidism, as cause of headache, 383.e1-383.e2
Cerebrospinal fluid
accuracy of results to differentiate bacterial from non bacterial meningitis in case of negative gram-stained smear (letter), 237
myelin basic protein in, as a predictive marker of delayed encephalopathy from carbon monoxide poisoning, 908-912
Cerebrovascular accident, ischemic and hemorrhagic, electrocardiographic T-wave changes in, 716-720
Cervical arteriovenous fistula, ruptured, presenting with subarachnoid hemorrhage and quadriplegia, 249.e1-249.e2
Chemical weapons, healthcare facility-based decontamination of victims exposed to biological, radiological and, 71-80

Chest compression mechanical device, evolution and new perspective of, 923-931
Chest injury, while wearing a bullet-proof vest, 736.e1
Chest pain
acute left, heterotopic pregnancy presenting with, 835.e1-835.e2
caused by intramural hematoma of the esophagus, 843.e1-843.e2
hemoptysis, and hypoxia, pulmonary arteriovenous malformations presenting with, 904-907
prognostic value of TIMI risk score in patients with, 439-445
Children. *see* Pediatrics
Chloroform, and dichloromethane, acute toxic hepatitis after suicidal ingestion of, 1073.e3-1073.e6
Chronic obstructive pulmonary disease (COPD), β-agonists in patients with heart disease and (letter), 104-105, 1060
Clavicle, posterior dislocation of, at the sternoclavicular joint, 108.e3-108.e4
Cleaved tau, serum, for prediction of postconcussion syndrome after mild traumatic brain injury, 763-768
Climate, desert, severity and mortality rate of hypothermia in, 683-688
Clinician-based ultrasound, for evaluation of lateral neck mass in ED, 386.e3-386.e6
Clopidogrel, for STEMI, 212-220
Closed reduction, of posterior dislocation of clavicle at the sternoclavicular joint, 108.e3-108.e4
Coagulation disorder, due to leech bites, 1067.e3-1067.e6
Cocaine, comparison of use in perpetrators *versus* victims of IPV, 592-596
Collaboration, authorship, and their effect on extramural funding in EM literature, 5-9
Colonic cancer, presenting as paravertebral abscess causing acute lower back pain, 513.e3-513.e4
Colonoscopy
rupture of spleen as life-threatening complication after, 834.e3-834.e4
splenic rupture after, 117.e1-117.e3
Coma, sudden, due to severe hypoglycemia, noncardiogenic acute pulmonary edema associated with, 839.e3-839.e6
Combitube, *versus* Easytube, *versus* Laryngeal tube, success rate for intubation with, during emergency medical training, 783-788
Communication, transfer of information from prehospital to ED health care providers (letter), 233-235
Compartment syndrome
abdominal, perforated peptic ulcer associated with, 1071.e3-1071.e5
community-associated methicillin-resistant *Staphylococcus aureus* pyomyositis complicated by, 737.e3-737.e4
lateral, of the lower extremity in a recreational athlete, 973.e1-973.e2
Complication
life-threatening, after colonoscopy, 834.e3-834.e4
unusual, of a successful cardiopulmonary reanimation, 639.e1-639.e2
Computed tomography (CT)
abdominal, and nasogastric tube, efficacy in acute poisoning, 738.e3-738.e5
findings in pseudo-subarachnoid hemorrhage, 521.e1-521.e2
scanning, appendicitis outcome with, 39-44
Conducted electrical weapons (CEWs), impact in persons with mental illness (letter), 504-505
Congenital defect, of atlas and axis, as cause of misdiagnose when evaluating an acute neck trauma, 840.e1-840.e2
Congenital heart disease
ECG abnormalities in pediatric patients, 497-503
ECG indicators in pediatric population, 221-228
(erratum), 506-512
Congestive heart failure (CHF), β-agonists in patients with COPD and (letter), 104-105, 1060
Conservative therapy, for closed internal degloving injury, 254.e5-254.e6
Contact dermatitis, caused by use of body wash as skin moisturizer, 246.e1-246.e2
Continuous ambulatory peritoneal dialysis (CAPD), encapsulating peritoneal sclerosis as complication of, 245.e3-245.e4
Coronary artery
disease, β-agonists in patients with COPD and (letter), 104-105, 1060
lesions, in STEMI, ECG algorithms for predicting complexity of, 10-17
normal, as typical feature of apical ballooning syndrome, 965.e1-965.e4
vasospasm, in an adolescent with intermittent Wolff-Parkinson-White syndrome, 968.e5-968.e7
Cortisol-induced hyperglycemia, and acute delirium, pituitary apoplexy associated with, 1068.e1-1068.e3
Cost-benefit analysis, of clinical case management for ED frequent users, 155-164
Cricothyrotomy
bedside sonography by emergency physicians for identification of landmarks relevant to, 852-856
surgical, use of a gum elastic bougie in, 738.e1
Critical illness, use of etomidate for RSI induction in septic patients, 229-232
(letter), 728-730
Cyanoacrylate, topical skin adhesive, properties, advantages, indications, and usage, 490-496
Cyanosis, central, due to severe pulmonary hypertension with pericarditis, as first symptom of SLE, 248.e1-248.e2
Cyclobenzaprine, and escitalopram, serotonin syndrome induced by, 1069.e1-1069.e3
Cyclooxygenase (COX) inhibitor, indomethacin, non-selective, for prostaglandin inhibition and ischemia (editorial), 101-102
Cytokines, role in MODS, 711-715
Dapsone overdose, effectiveness of hemodialysis in, 1070.e1-1070.e4
Death
after intravenous paraquat injection, 836.e3-836.e4
sudden, in outpatients, clinical characteristics of aortic aneurysm and dissection as cause of, 1042-1046
Decontamination, healthcare facility-based, of victims exposed to chemical, biological and radiological materials, 71-80
Defibrillator, implantable cardioverter, efficacy and safety of antitachycardia pacing features of, for terminating recurrent ventricular tachycardias, 1066.e1-1066.e3
Degloving injury, closed internal, conservative treatment of, 254.e5-254.e6
Delayed treatment, of appendicitis, in relation to early analgesia, 176-180
Delirium
acute, and cortisol-induced hyperglycemia, pituitary apoplexy associated with, 1068.e1-1068.e3
hyponatremic, and rhabdomyolysis, induced by proton pump inhibitor, 519.e1-519.e2
Dental extraction, life-threatening cervical necrotizing fasciitis after, 971.e5-971.e7
Depression, recent, in relation to alcohol misuse, among ED patients, 537-544
Dermatitis, contact, caused by use of body wash as skin moisturizer, 246.e1-246.e2
Dexamethasone, intravenous, as adjunctive therapy for migraine headaches, 124-130
Dextrocardia, as additional cause of electrocardiographic changes in lead aVR (letter), 242-243
Diabetic ketoacidosis, in toddler with diaper rash, 834.e1-834.e2
Diabetic myonecrosis, detection using bedside ultrasound, 969.e3-969.e4
Diagnosis. *see also* Diagnosis, differential
of acute appendicitis using urinary 5-HIAA levels, 282-286
of acute mesenteric ischemia using IMA, 202-205
challenge in postpartum stroke, 843.e3-843.e4
delayed, of active pulmonary tuberculosis in ED, 888-892
value of IMA in the diagnosis of pulmonary embolism (letter), 624-625
Diagnosis, differential
bacterial *versus* non bacterial meningitis, with negative gram-stained smear of CSF, accuracy of results (letter), 237
in postural headache, herniation of giant posterior fossa cyst as, 247.e1-247.e3
Diaper rash, diabetic ketoacidosis in toddler with, 834.e1-834.e2
Diaphragmatic rupture, and hepatic hernia, late presentation of, after blunt trauma, 638.e3-638.e5
Diarrhea, with abdominal pain, developing a prediction rule to identify patients requiring surgery, 450-453
Dichloromethane, and chloroform, acute toxic hepatitis after suicidal ingestion of, 1073.e3-1073.e6
Diet pill, cardiac arrest associated with consumption of, 732.e1-732.e3
Diffuse alveolar hemorrhage, with hemoptysis and respiratory failure, in a child, 639.e3-639.e4
Digital rectal examination (DRE), role in suspected appendicitis in adults (letter), 359-360
Disaster planning, physician's role and mass medical event response (letter), 239-242

Disk herniation, intervertebral, spontaneous septic diskitis misdiagnosed as, 514.e5-514.e6
Dislocation, posterior, of clavicle at the sternoclavicular joint, 108.e3-108.e4
Diverticulitis, perforated, acute urinary retention secondary to, misdiagnosed as acute prostatitis, 842.e3-842.e4
Drug abuse, in association with hospitalization for caffeine abuse, 799-802
Drug administration, tracheal, via intubation laryngeal mask airway (letter), 370-371
Drug concentration, prehospital, alteration of, after thermal exposure, 566-573
Drug overdose
  acetaminophen, during pregnancy, treatment with intravenous *N*-acetylcysteine, 735.e1-735.e2
  magnesium hydroxide, causing paradoxical hypomagnesemia, 837.e1-837.e2
  methadone, onset of symptoms after (letter), 242
  valproic acid, misleading case, 110.e3-110.e6
Dyspnea
  association between NT-proBNP levels and in-hospital mortality in elderly patients, 555-560
  caused by Launois-Bensaude syndrome, 111.e1-111.e2

Easytube, *versus* Combitube, *versus* Laryngeal tube, success rate for intubation with, during emergency medical training, 783-788
Echocardiography, role in diagnosis of pulmonary embolism, 632.e1-632.e3
Editorials, 101-102, 693-694, 695-696, 902-903
Elbow fractures, preservation of active range of motion after acute elbow trauma as predictor for absence of, 779-782
Elderly patients. *see* Geriatric patients
Electrical weapons, conducted, impact in persons with mental illness (letter), 504-505
Electric shock, prevalence of neurologic and neuropsychological symptoms during the first year after, 413-418
Electrocardiography (ECG)
  abnormality
    in pediatric patients with congenital heart disease and other cardiac syndromes, 497-503
    in relation to cardiovascular toxins in poisoned patients (letter), 957-959
    acute pancreatitis presenting as acute inferior wall ST-segment elevations on, 734.e1-734.e4
    additional causes of changes in lead aVR (letter), 242-243
    algorithms for predicting complexity of coronary artery lesions in STEMI, 10-17
    in ARVC (letter), 106-107
    Brugada-type changes in, of patient taking lithium, 113.e1-113.e3
    cardiac literature 2007, 817-833
    findings to differentiate left-sided pneumothorax from MI (letter), 959-962
    lead, aVR, additional causes of electrocardiographic changes in (letter), 242-243
    12-lead, for monitoring of subjects before and after voluntary exposure to Taser X26, 1-4
    limitations in diagnosis of pulmonary embolism, 632.e1-632.e3
    manifestations in pediatric arrhythmias, 348-358
    monitoring, in hospitalized patients, impact of, 1047-1055
    pediatric, age-related changes in, indicators of heart disease, 221-228
    (erratum), 506-512
    T wave changes underlying acute cardiac and cerebral events, 716-720
Emergency department (ED)
  accessibility and efficiency of laboratory testing in (letter), 373-374
  adult parenting smokers in, effect of household children on motivation to quit, 757-762
  barriers to chronic pain management in, 255-263
  characteristics
    and management of wound foreign bodies in, 918-922
    and outcomes of injury among older adults treated in, 296-303
    clinician-based ultrasound for evaluation of lateral neck mass in, 386.e3-386.e6
    correlation of Ped-CTAS to resource utilization in, 893-897
    cost-effectiveness of clinical case management for frequent users of, 155-164
    delayed diagnosis of active pulmonary tuberculosis in, 888-892
    diagnosis of herpes zoster opthalmicus in, 612-617
  difference in
    pain treatment and relief for headache subtypes in, 1029-1034
    resident productivity as a function of shift length in, 789-791
    disclosure of suicidal ideation in, 701-705
    double-dose external cardioversion for refractory unstable atrial fibrillation in, 385.e1-385.e3
    ECG algorithms for predicting complexity of coronary artery lesions in STEMI, 10-17
EVUS in nonpregnant woman with RLQ pain, 81-85
  exposure-based intervention in, for prevention of PTSD, 326-330
  false elevation of cardiac troponin I using point-of-care testing in, 969.e1-969.e2
  health care
    -associated pneumonia identification and initial management in, S1-S11
    providers, information transfer from prehospital to (letter), 233-235
    impact of poison control centers on poisoning-related visits to, 310-315
    implications for Varicella zoster infection control in (letter), 1062-1063
    improvement of racial disparities in analgesia use in, 462-464
    inadequate provision of postintubation anxiolysis and analgesia in, 469-472
  inappropriate prescribing in elderly patients (letter), 372-373
  inappropriate prescribing in elderly patients
    based on Beers criteria (editorial), 695-696
    incidence and recognition of hypertension in, 913-917
    influence of triage scoring systems and triage priority scores on timeliness of analgesic administration in, 867-873
    intravenous morphine titration to treat severe pain in, 676-682
    length of unsuccessful resuscitations for cardiac arrest occurring in, 206-211
  management
    of pediatric syncope in, 66-70
    of pediatric syncope in (letter), 1059-1060
    and prognosis of stroke in elderly patients, 742-749
    of STEMI in, 91-100
    patients with sepsis, heart rate variability measures as predictors of in-hospital mortality in, 395-401
    pediatric nurses, effect of volumetric ultrasound performed by, on first-attempt urine collection success rates., 18-23
    PERC rule's performance for suspected pulmonary embolism, 181-185
    prescription of naloxone in management of patients with cardiac arrest, 113.e5-113.e8
  prevalence
    estimates of elevated blood pressure using 4 methods of categorization, 561-565
    of incidentally discovered hyperglycemia in patients with no history of diabetes in, 532-536
    of PIMS and potential adverse drug effects in elderly, 697-700
    of vitamin deficiencies in alcohol intoxicated patients in, 792-795
    relationship between alcohol misuse and recent depressive symptoms in, 537-544
    reliability of hemodynamic profiling of patients with heart failure in, 196-201
    safety and accuracy of SFSR applied to elderly patients with syncope or near-syncope, 773-778
    small bowel obstruction due to superior mesenteric artery syndrome, 114.e5-114.e6
    spontaneous spinal epidural hematoma as rare diagnosis in, 835.e3-835.e5
    tuberculosis among health care workers in Brazilian tertiary hospital, 796-798
  ultrasound
    -assisted localization for lumbar puncture in the (letter), 955-957
    -guided interscalene block for shoulder dislocation reduction in (letter), 1061
    -guided supraclavicular brachial plexus nerve blocks *versus* procedural sedation for upper extremity emergencies, 706-710
    urinary symptoms as subtle signs of ketamine abuse (letter), 1061
  use
    among older adults, level of social support and living situation as predictors of, 454-461
    of etomidate for RSI in, 946-950
    and interpretation of cardiac troponins in, 331-341
Emergency medical services
  compliance and safety of triage protocol for, 750-756
  drop-off times, outcome of new ambulance diversion protocol on diversion hours and, 670-675
  information transfer from prehospital to ED health care providers (letter), 233-235
  Emergency medical technicians (EMTs), in treatment of hypoglycemia without transport, 291-295
Emergency medicine (EM)
  comparison of resident interpretation of plain radiographs by year of training (letter), 366-367
  literature in, authorship, collaboration, and their effect on extramural funding in, 5-9
  training in, success rate for intubation with Laryngeal tube *versus* Combitube *versus* Easytube during, 783-788
Emergency physicians

answers to clinical questions by, 144-147
(letter), 962-963
bedside sonography by, for identification of landmarks relevant to cricothyrotomy, 852-856
contribution of impairment and illness severity in decision to override a patient's refusal of treatment, 803-807
MEDS score as predictive tool for (editorial), 693-694
role in evaluating and managing patients with STEMI in ED, 91-100
steps to improve efficiency of, 1056-1057
Emphysema
facial subcutaneous, secondary to trauma, 733.e1-733.e4
spontaneous orbital subcutaneous, after sneezing, 381.e1-381.e2
Encapsulating peritoneal sclerosis, as complication of CAPD, 245.e3-245.e4
Encephalopathy, delayed, from carbon monoxide poisoning, myelin basic protein in cerebrospinal fluid as a predictive marker of, 908-912
Endovaginal pelvic ultrasound (EVUS), in nonpregnant woman with RLQ pain, in ED, 81-85
Endovascular balloon, resuscitation for an octogenarian with ruptured abdominal aortic aneurysm using, 967.e1-967.e3
Envenomation
black widow spider, myocarditis from, 630.e1-630.e3
stonefish, 972.e1-972.e2
Environmental factors, impact on normal CRT, 62-65
Epidural hematoma
spontaneous
spinal, a rare diagnosis in ED, 835.e3-835.e5
of thoracic spine, 384.e1-384.e2
Epigastric pain, as presentation of addisonian crisis in Schmidt syndrome, 251.e3-251.e4
Epiglottis, occult lacerations of, by glass fragments, 518.e1-518.e3
Epilepsy, transient hyperammonemia following, 388.e1-388.e2
Epinephrine
combined with
atenolol, effect on outcome of CPR in VF, 578-584
naloxone, effect on resuscitation of cardiopulmonary arrest, 898-901
as first choice for CPR (letter), 368-370
response on adverse effect of, during and after CPR (letter), 370
Epiploic appendagitis, 838.e1-838.e2
Erythropoietin, spontaneous splenic rupture caused by splenic peliosis of patient with chronic renal failure undergoing hemodialysis and receiving, 109.e1-109.e2
Escitalopram, and cyclobenzaprine, serotonin syndrome induced by, 1069.e1-1069.e3
Esophagus, intramural hematoma of, as cause of chest pain, 843.e1-843.e2
Essential thrombocythemia, with femoral fracture, management with plateletpheresis and intramedullary rod fixation, followed by hydroxyurea, 636.e1-636.e3
Ethyl chloride spray, *vs.* ice cube, for analgesic pretreatment for antibiotic skin test, 59-61
Etomidate
use in RSI
in ED, 946-950
induction in critically ill septic patients, 229-232
induction in critically ill septic patients (letter), 728-730
Exercise
and binge drinking of alcohol, abdominal wall rhabdomyolysis induced by, 521.e3-521.e4
finger, and hyperventilation, venous-arterial Pco_2 and pH differences increased by, 975-980
Exposure-based therapy, for prevention of PTSD, 326-330
Extramural funding, in EM literature, effect of authorship, and collaboration on, 5-9
Extrapontine myelinolysis, presenting as generalized tonic seizures, after correction of hyponatremia, 632.e5-632.e6
Extremity, lower
gas gangrene without wound involving both, 970.e3-970.e4
lateral compartment syndrome of, in a recreational athlete, 973.e1-973.e2

Facial nerve palsy
delayed-onset, as presentation of mastoid bone fracture, 386.e1-386.e2
posttraumatic delayed, 115.e1-115.e2
Facial swelling, delayed hypersensitivity reaction from black henna tattoo manifesting as, 515.e3-515.e4
Fasciitis
cervical necrotizing, life-threatening, after dental extraction, 971.e5-971.e7
necrotizing, predictors of mortality in, 170-175
Femoral fracture, with essential thrombocythemia, management with plateletpheresis and intramedullary rod fixation, followed by hydroxyurea, 636.e1-636.e3
Fertilization, in vitro, ovarian hyperstimulation syndrome as complication of, 115.e3-115.e4
Fever, and altered mental status, as presentation of spinal cord arteriovenous malformation in a toddler, 1072.e5-1072.e7
Fibrinolysis, for STEMI management in ED, 91-100
Firearm projectiles, foreign body
Lodox Statscan for rapid identification of, 965.e5-965.e7
urethral obstruction due to migration of, into genitourinary system, 842.e1-842.e2
Flexeril (cyclobenzaprine), and Lexapro (escitalopram), serotonin syndrome induced by, 1069.e1-1069.e3
Focused assessment for trauma (FAST) examination, gastric fluid sign as an unrecognized false-positive finding, 630.e5-630.e7
Fog solution, propylene glycol, acute renal failure, neuropathy and myopathy after ingestion of, 635.e1-635.e2
Foreign body
firearm projectile
Lodox Statscan for rapid identification of, 965.e5-965.e7
urethral obstruction due to migration of, into genitourinary system, 842.e1-842.e2
magnets, adherent to nasal septum, novel method of removal, 839.e1-839.e2
wound from, clinical characteristics and management in ED, 918-922
Forensic examination, for sexual assault, role of skin color in the detection of genital injury during, 857-866
Forestier disease, unusual cause of upper airway obstruction, 1072.e1-1072.e3
Fracture
calcaneal avulsion, complicated by skin necrosis due to delayed treatment of, 254.e1-254.e4
dislocation, complete, of the thoracolumbar spine, without paraplegia, 633.e5-633.e7
elbow, preservation of active range of motion after acute elbow trauma as predictor for absence of, 779-782
femoral, with essential thrombocythemia, management with plateletpheresis and intramedullary rod fixation, followed by hydroxyurea, 636.e1-636.e3
humerus, caused by noninvasive blood pressure cuff, 1073.e1-1073.e2
hyoid bone, in patient wearing a helmet, 251.e1-251.e2
of long-bone, racial or ethnic disparity in treatment of pain from, 270-274
of mastoid bone, presenting as delayed-onset facial nerve palsy, 386.e1-386.e2
reduction, procedural sedation for, in children with ADHD, 661-664
of rib, after chest trauma, delayed pneumothorax as complication of, 551-554
of thyroid cartilage, neck hyperflexion causing isolated, 1064.e1-1064.e3
Furunculosis, missed diagnosis of community-associated methicillin-resistant *Staphylococcus aureus* epidural brain abscess in a patient with recent, 522.e3-522.e4

Gas embolism, in aorta, induced by necrotizing gastroenteritis, 253.e3-253.e4
Gas gangrene, without wound involving both the lower extremities simultaneously, 970.e3-970.e4
Gastric fluid sign, unrecognized false-positive finding during FAST examination, 630.e5-630.e7
Gastric lavage, for patient with numerous tablets remaining in stomach after 5 hours of ingestion, 118.e1-118.e2
Gastric perforation
lightning strike as an unusual etiology of, 966.e5-966.e7
successful treatment with thyrotoxic crisis, 1065.e3-1065.e4
Gastric varices bleeding, wandering spleen presenting as, 637.e1-637.e4
Gastroenteritis, necrotizing, inducing gas embolism in aorta, 253.e3-253.e4
Genital injury, role of skin color in the detection of, during forensic sexual assault examination, 857-866
Geriatric patients
characteristics and outcomes of injury treated in ED among, 296-303
with dyspnea, association between NT-proBNP levels and in-hospital mortality in, 555-560
in ED with syncope or near-syncope, safety and accuracy of SFSR applied to, 773-778
inappropriate prescribing in ED (letter), 372-373
level of social support and living situation as predictors of ED use among, 454-461
management and prognosis of stroke in ED, 742-749
prevalence of
inappropriate prescribing in ED based on Beers criteria (editorial), 695-696
PIMs and potential adverse drug effects in ED, 697-700
Glyphosate-surfactant intoxication
early prognostic factors of, 275-281
severe, as cause of acute pancreatitis, 384.e3-384.e5

Gram's stain, negative, accuracy of CSF results to differentiate bacterial from non bacterial meningitis in case of (letter), 237
Grayanotoxin intoxication, clinical presentation of non-ST-segment elevation MI in the course of, 108.e1-108.e2
Gum elastic bougie, use in surgical cricothyrotomy, 738.e1
Gunshot wounds, multiple, Lodox Statscan for rapid identification of bullets in, 965.e5-965.e7

Hair apposition technique, for scalp laceration repair, physicians *versus* nurses on performance of, 433-438
Headache
angina, severe, as presentation of inferior MI, 387.e1-387.e2
caused by cerebral venous thrombosis due to hyperthyroidism, 383.e1-383.e2
postural, herniation of giant posterior fossa arachnoid cyst as differential diagnosis in, 247.e1-247.e3
subtypes, difference in pain treatment and relief for, in ED, 1029-1034
Healthcare facility, decontamination in, of victims exposed to chemical, biological and radiological materials, 71-80
Health care provider
information transfer from prehospital to ED (letter), 233-235
therapeutic hypothermia use among, in Indonesia and Mexico (letter), 244
Health care workers, in Brazilian tertiary hospital emergency unit, tuberculosis among, 796-798
Heart block, atrioventricular nodal, rapid progression in a patient with SLE, 967.e5-967.e7
Heart disease
β-agonists in patients with COPD and (letter), 104-105, 1060
structural and congenital, in pediatric population, ECG indicators of, 221-228
(erratum), 506-512
Heart failure
acute decompensated, bedside ultrasound of the lung for monitoring of, 585-591
multiple cardiac thrombi and thromboembolism in a heparin-induced thrombocytopenia antibody positive patient with, 1066.e5-1066.e7
reliability of hemodynamic profiling in ED, 196-201
Heart rate variability, measures of, as predictors of in-hospital mortality in ED patients with sepsis, 395-401
Hematuria, massive, spontaneous hemorrhagic angiomyolipoma with, leading to nephrectomy, 249.e3-249.e5
Hemiscrotum, acute, due to inguinoscrotal Littre hernia, 973.e3-973.e4
Hemodialysis
effectiveness in dapsone overdose, 1070.e1-1070.e4
spontaneous splenic rupture caused by splenic peliosis of patient with chronic renal failure receiving erythropoietin undergoing, 109.e1-109.e2
Hemodynamic profiling, of patients with heart failure in ED, reliability of, 196-201
Hemoglobin S-C disease, acute splenic sequestration in adult with, 1064.e5-1064.e8
Hemoperfusion
and L-carnitine, in management of valproic acid intoxication, 388.e3-388.e4
for paraquat poisoning, nonpulsatile *versus* dual pulsatile pump, 641-648
Hemopericardium, nontraumatic, different relieving methods for, effect on outcome of out-of-hospital cardiac arrest, 425-432
Hemoperitoneum, massive, resulting from spontaneous rupture of a uterine leiomyoma, 974.e1-974.e2
Hemophilia A, acquired, associated with therapeutic cupping, 970.e1-970.e2
Hemoptysis
chest pain, and hypoxia, pulmonary arteriovenous malformations presenting with, 904-907
with pulmonary hemorrhage and respiratory failure, in a child, 639.e3-639.e4
Hemorrhage
diffuse alveolar, with hemoptysis and respiratory failure, in a child, 639.e3-639.e4
intracranial and intraspinal subarachnoid, severe, after lumbar puncture, 633.e1-633.e3
life-threatening, after maxillofacial trauma, transarterial embolization in management of, 516.e3-516.e5
massive retroperitoneal, after bone marrow aspiration, 1070.e5-1070.e6
postpartum intracranial, disguised as preeclampsia, 247.e5-247.e6
subarachnoid, as presentation of ruptured cervical arteriovenous fistulas, 249.e1-249.e2
Hemorrhagic angiomyolipoma, spontaneous, with massive hematuria leading to nephrectomy, 249.e3-249.e5
Hemorrhagic blister, clinical characteristics and confirmative diagnoses, 316-319
Hemorrhagic bullae. *see* Hemorrhagic blister
Hemorrhagic shock, acute severe, changes in SOD activity and MDA plasma level during, in rats, 54-58
Heparin, stability of carboxyhemoglobin in stored and mailed blood samples anticoagulated with, 191-195
Heparin-induced thrombocytopenia antibodies, multiple cardiac thrombi and thromboembolism in a patient with heart failure, 1066.e5-1066.e7
Hepatic hernia, and diaphragmatic rupture, late presentation of, after blunt trauma, 638.e3-638.e5
Hepatitis, acute toxic, after suicidal chloroform and dichloromethane ingestion, 1073.e3-1073.e6
Hernia
internal, associated with MD in pediatric patients, 86-90
Littre, inguinoscrotal, acute hemiscrotum due to, 973.e3-973.e4
massive parastomal, with strangulation, 109.e3-109.e4
transdiaphragmatic intercostal, causing massive ipsilateral pleural effusion, 252.e3-252.e4
Herniation, of giant posterior fossa arachnoid cyst, as differential diagnosis in postural headache, 247.e1-247.e3
Herpes zoster opthalmicus, diagnosis in ED, 612-617
Hollow organ perforation, gas-forming bacterial peritonitis mimicking, 838.e3-838.e5
Hospital, tertiary, in Brazil, tuberculosis among health care workers in emergency unit, 796-798
Hospitalization
acid-base interpretation as predictor of outcome among patients with acute organophosphate poisoning before, 24-30
(letter), 721-723
for caffeine abuse, in association with abuse of other pharmaceutical products, 799-802
Human chorionic gonadotropin (hCG), quantitative measurement in urine using Access immunoassay (letter), 103-104
Humerus fracture, caused by noninvasive blood pressure cuff, 1073.e1-1073.e2
Humidity, correlation with incidence of pulmonary thromboembolism, 1035-1041
Hydrochloric acid, ingestion of, in suicide attempt, fatal MI after, 634.e5-634.e7
Hydrogen sulfide, intoxication, due to sewer gas exposure, 518.e5-518.e7
5-Hydroxyindoleacetic acid (5-HIAA), urinary levels, in diagnosis of acute appendicitis, 282-286
Hydroxyurea, femoral fracture with essential thrombocythemia managed with plateletpheresis and intramedullary rod fixation, followed by, 636.e1-636.e3
Hyoid bone, traumatic fracture in patient wearing a helmet, 251.e1-251.e2
Hyperammonemia, transient, following epileptic attacks, 388.e1-388.e2
Hyperamylasemia, and intestinal pseudo-obstruction, as presentation of pheochromocytoma, 971.e1-971.e4
Hyperflexion, of neck, causing isolated thyroid cartilage fracture, 1064.e1-1064.e3
Hyperglycemia
cortisol-induced, and acute delirium, pituitary apoplexy associated with, 1068.e1-1068.e3
in ED patients with no history of diabetes, prevalence of, 532-536
Hypersensitivity, delayed, manifesting as severe facial swelling, from black henna tattoo, 515.e3-515.e4
Hypertension
incidence and recognition in the ED, 913-917
pulmonary, severe, with pericarditis, central cyanosis as first symptom of SLE caused by, 248.e1-248.e2
Hyperthyroidism, cerebral venous sinus thrombosis due to, as cause of headache, 383.e1-383.e2
Hyperventilation, and finger exercise, venous-arterial Pco_2 and pH differences increased by, 975-980
Hypoglycemia
EMTs treatment of, without transport, 291-295
severe, noncardiogenic acute pulmonary edema associated with sudden coma due to, 839.e3-839.e6
Hypomagnesemia, paradoxical, due to overdose of magnesium hydroxide, 837.e1-837.e2
Hyponatremia
delirium in, and rhabdomyolysis, induced by proton pump inhibitor, 519.e1-519.e2
extrapontine myelinolysis presenting as generalized tonic seizures after correction of, 632.e5-632.e6
Hypotension
abdominal pain, and tachycardia, ovarian hyperstimulation syndrome presenting as, 736.e3-736.e4
as predictor of mortality in patients with necrotizing fasciitis, 170-175
after RSI, prognostic factors of, 845-851
Hypothermia
in desert climate, severity and mortality rate, 683-688
profound, secondary to normal ziprasidone use, 737.e1-737.e2
therapeutic, use among health care providers in Indonesia and Mexico (letter), 244

Hypoxia
brain, brain swelling due to, characteristics of SAH, 521.e1-521.e2
hemoptysis, and chest pain, pulmonary arteriovenous malformations presenting with, 904-907

Ice cube, *vs.* ethyl chloride spray, for analgesic pretreatment for antibiotic skin test, 59-61
Illness, and impairment severity, contribution of, in emergency physicians' decision to override a patient's refusal of treatment, 803-807
Imidacloprid, fatal intoxication with, 634.e1-634.e4
Impairment, and illness severity, contribution of, in emergency physicians' decision to override a patient's refusal of treatment, 803-807
Implantable cardioverter defibrillator, efficacy and safety of antitachycardia pacing features of, for terminating recurrent ventricular tachycardias, 1066.e1-1066.e3
Indonesia, therapeutic hypothermia use among health care providers in (letter), 244
Inferior vena cava/aorta (IVC/Ao) diameter index, sonographic, for assessment of body fluid status in children and young adults, 320-325
Inferior vena cava (IVC)
measuring diameter of, in predicting development of anemia in patients with spinal cord injury, 446-449
parameters, influence of weight force application to lower torso on, 603-607
Information, point of care, answers to clinical questions by ED physicians, 144-147 (letter), 962-963
Ingestion, gastric lavage for patient with numerous UDCA tablets in stomach after 5 hours of, 118.e1-118.e2
Inguinal hernia, Amyand hernia as an unusual variant of, 637.e5-637.e6
Inguinal phlegmon, with positive serology for syphilis, after penile bite laceration, 250.e7-250.e8
Inguinoscrotal hernia, acute hemiscrotum due to, 973.e3-973.e4
Injury
among older adults treated in ED, characteristics and outcomes of, 296-303
burn, associated with white phosphorus, 974.e3-974.e5
chest, while wearing a bullet-proof vest, 736.e1
In memoriam, Charles J. McCabe, 741
Insecticides, fatal intoxication with, 634.e1-634.e4
Interscalene block, ultraound-guided, for shoulder dislocation reduction in ED (letter), 1061
Interscalene block, ultrasound-guided, for shoulder dislocation reduction in ED (letter), 627-629
Intestinal pseudo-obstruction, and hyperamylasemia, as presentation of pheochromocytoma, 971.e1-971.e4
Intimate partner violence (IPV)
comparison of methamphetamine, cocaine, and alcohol use in perpetrators *versus* victims of, 592-596
outcomes of intervention for child witnesses of, 389-394
Intoxication
acute, with terazosin, 117.e5-117.e6
with dipropylene glycol fog solution, acute renal failure, neuropathy and myopathy caused by, 635.e1-635.e2
fatal
with imidacloprid insecticide, 634.e1-634.e4
with paraquat, 836.e3-836.e4
glyphosate-surfactant
as cause of acute pancreatitis, 384.e3-384.e5
early prognostic factors of, 275-281
hydrogen sulfide, due to sewer gas exposure, 518.e5-518.e7
with mad honey, clinical presentation of non-ST-segment elevation MI in the course of, 108.e1-108.e2
propylene glycol, life-threatening double gap metabolic acidosis caused by, 385.e5-385.e6
with *Psilocybe* mushroom, 972.e3-972.e4
valproic acid, management with hemoperfusion and L-carnitine, 388.e3-388.e4
Intracranial hemorrhage
IMA levels in, 874-878
postpartum, disguised as preeclampsia, 247.e5-247.e6
Intramedullary rod fixation, femoral fracture with essential thrombocythemia managed with plateletpheresis and, followed by hydroxyurea, 636.e1-636.e3
Intramural hematoma, of the esophagus, as cause of chest pain, 843.e1-843.e2
Intraosseous administration, *vs.* intravenous administration of morphine sulfate, pharmacokinetic study of, 31-38
Intravenous administration, *vs.* intraosseous administration of morphine sulfate, pharmacokinetic study of, 31-38
Intravenous injection
of morphine, safety of, for treatment of severe pain in ED, 676-682
of paraquat, death after, 836.e3-836.e4
Intubation, rapid-sequence
ED use of etomidate for, 946-950
inadequate provision of anxiolysis and analgesia in ED after, 469-472
induction, use of etomidate in critically ill septic patients, 229-232
prognostic factors of hypotension after, 845-851
Intubation laryngeal mask airway, drug administration into trachea via (letter), 370-371
Intussusception, small-bowel, due to ascaris, in adult, 381.e3-381.e4
Ischemia, and prostaglandin inhibition (editorial), 101-102
Ischemia-modified albumin (IMA)
in diagnosis of acute mesenteric ischemia, 202-205
levels in cerebrovascular diseases, 874-878
value in the diagnosis of pulmonary embolism (letter), 624-625
Ischemia-reperfusion injury, whole-body, in swine, effects of prostaglandin inhibition on, 45-53
Ischemic stroke, IMA levels in, 874-878

Japan, increase in number of criminal prosecutions against physicians due to medical negligence in (letter), 105-106
Jaundice, painless, incidental finding of portal vein thrombosis secondary to protein C deficiency in, 516.e1-516.e2

Ketamine
abuse, frequent visits to ED with urinary symptoms as subtle signs of (letter), 1061
adverse events associated with, for procedural sedation in adults, 985-1028
Ketoacidosis, diabetic, in toddler with diaper rash, 834.e1-834.e2
Kidney failure
acute
caused by bladder stone, 246.e3-246.e4
neuropathy, and myopathy, after ingestion of dipropylene glycol fog solution, 635.e1-635.e2
chronic, spontaneous splenic rupture caused by splenic peliosis of patient with, undergoing hemodialysis and receiving erythropoietin, 109.e1-109.e2
Klippel-Feil syndrome, central cord syndrome in a patient with, 252.e1-252.e2

Laboratory testing, accessibility and efficiency in ED (letter), 373-374
Laceration
multiple, in pregnant woman caused by shower screen glass, 1065.e1-1065.e2
occult, of epiglottis and pharynx, by glass fragments, 518.e1-518.e3
of penis, due to human bite, leading to inguinal phlegmon with positive serology for syphilis, 250.e7-250.e8
of scalp, physician *versus* nurses on performance of hair apposition technique for repair of, 433-438
Lactate, serum level of, as prognostic factor in carbon monoxide poisoning, 966.e1-966.e3
Lactic acidosis, induced by salbutamol for treatment of acute severe asthma, 514.e1-514.e3
Laryngeal sarcoidosis, acute upper airway obstruction caused by, 114.e1-114.e3
Laryngeal tube, *versus* Combitube, *versus* Easytube, success rate for intubation with, during emergency medical training, 783-788
Laryngoscope blade, review (letter), 952-955
Laryngotracheal transection, complete, for blunt cervical and thoracic trauma, survival after, 837.e3-837.e4
Lateral compartment syndrome, of the lower extremity in a recreational athlete, 973.e1-973.e2
Launois-Bensaude syndrome, dyspnea caused by, 111.e1-111.e2
L-carnitine, and hemoperfusion, in management of valproic acid intoxication, 388.e3-388.e4
Leech bites, as cause of coagulation disorder, massive bleeding, and severe anemia, 1067.e3-1067.e6
Left bundle-branch block (LLLB), disproportional anterior ST elevation due to acute myocardial infarction with, 342-347
Lemierre syndrome, caused by *Staphylococcus aureus*, 380.e5-380.e7
Leukemia, acute myeloid, presenting as one-and-a-half syndrome, 513.e1-513.e2
Leukopenia, acute perforated appendicitis presenting as, 735.e3-735.e4
Lexapro (escitalopram), and Flexeril (cyclobenzaprine), serotonin syndrome induced by, 1069.e1-1069.e3
Lightning strike, as an unusual etiology of gastric perforation, 966.e5-966.e7
Lipomatosis, diffuse, complicated, mimicking ascites, 379.e1-379.e2
Liquid skin cleanser, used as skin moisturizer, contact dermatitis caused by, 246.e1-246.e2
Lithium, Brugada-type ECG changes in patient taking, 113.e1-113.e3

Lodox/Statscan, for rapid identification of bullets in multiple gunshot wounds, 965.e5-965.e7
Long-bone fractures, racial or ethnic disparity in treatment of pain from, 270-274
Low-pressure environment, outside of hospital, oxygen inhalation using oxygen concentrator in, 981-984
Lumbar puncture
in the ED, ultrasound-assisted localization for (letter), 955-957
severe intracranial and intraspinal subarachnoid hemorrhage after, 633.e1-633.e3
Lung, bedside ultrasound of, for monitoring of acute decompensated heart failure, 585-591
Lupus erythematosus, systemic
central cyanosis caused by pulmonary hypertension with pericarditis as first symptom of, 248.e1-248.e2
rapid progression of atrioventricular nodal blockade in a patient with, 967.e5-967.e7
Lyme disease, acute ataxia as manifestation of neuroborreliosis in a child, 1069.e5-1069.e6

Mad honey, Intoxication with, clinical presentation of non-ST-segment elevation MI in the course of, 108.e1-108.e2
Magnesium hydroxide, overdose of, causing paradoxical hypomagnesemia, 837.e1-837.e2
Magnets, adherent to nasal septum, novel method of removal, 839.e1-839.e2
Malondialdehyde (MDA), changes in SOD activity and plasma level of, during ASHS in rats, 54-58
Mastoid bone fracture, presenting as delayed-onset facial nerve palsy, 386.e1-386.e2
Maxillofacial trauma, transarterial embolization in management of life-threatening hemorrhage after, 516.e3-516.e5
Mechanical reperfusion therapy, for STEMI management in ED, 91-100
Meckel's diverticulum (MD), internal hernia associated with, in pediatric patients, 86-90
Medical negligence, increase in number of criminal prosecutions against physicians due to, in Japan (letter), 105-106
Meningitis, bacterial *versus* non bacterial, accuracy of results for differential diagnosis of, with negative gram-stained smear of CSF (letter), 237
Mental illness, impact of CEWs in persons with (letter), 504-505
Mesenteric ischemia, acute, IMA in the diagnosis of, 202-205
Metabolic acidosis, double gap, life-threatening, due to propylene glycol intoxication, 385.e5-385.e6
Metal fume fever, caused by acute titanium dioxide poisoning, 608-611
Methadone, onset of symptoms after overdose of (letter), 242
Methamphetamine, comparison of use in perpetrators *versus* victims of IPV, 592-596
Mexico, therapeutic hypothermia use among health care providers in (letter), 244
Migraine headache, intravenous dexamethasone as adjunctive therapy for, 124-130
Mitochondrial myopathy, encephalopathy, lactic acidosis, and strokelike episodes (MELAS), cardiac tamponade as new complication in, 382.e1-382.e2
Morphine
ideal dose for prehospital treatment of severe acute pain, 148-154
intravenous titration of, for treatment of severe pain in ED, 676-682
Morphine sulfate, pharmacokinetic study of intraosseous *vs.* intravenous administration of, 31-38
Mortality
efficacy of low-dose antivenom therapy on, in snakebite cases, 402-407
(letter), 1058-1059
in-hospital
in ED patients with sepsis, heart rate variability measures as predictors of, 395-401
performance of MEDS score in prediction of, among patients with severe sepsis and septic shock, 689-692
predictors of, in patients with necrotizing fasciitis, 170-175
rate
of hypothermia in desert climate, 683-688
risk factors of, in severe multiple trauma patients with posttraumatic ARDS, 419-424
Mortality in Emergency Department Sepsis (MEDS) score
performance in predicting hospital mortality among patients with severe sepsis and septic shock, 689-692
as predictive tool for ED physicians (editorial), 693-694
Motor vehicle accidents
airbags and oral anticoagulation, deadly combination in, 111.e3-111.e5
in an adolescent, pneumopericardium and pneumomediastinum after, 515.e1-515.e2
posterior dislocation of clavicle at the sternoclavicular joint after, 108.e3-108.e4
Multiple organ dysfunction syndrome (MODS), factors determining the sequence and severity of organ dysfunction in, 711-715
Mupirocin, topical, *versus* nitrofurazone, prophylactic efficacy against murine crush wound infection, 137-143
Mushroom abuse, *Psilocybe,* 972.e3-972.e4
Myelin basic protein, in cerebrospinal fluid, as a predictive marker of delayed encephalopathy from carbon monoxide poisoning, 908-912
Myelinolysis, extrapontine, presenting as generalized tonic seizures, after correction of hyponatremia, 632.e5-632.e6
Myocardial infarction (MI)
acute
with LLLB, disproportional anterior ST elevation due to, 342-347
mismanagement of, in a patient with pseudothrombocytopenia, 740.e1-740.e2
new and old definitions of, 523-531
acute streptococcal myopericarditis mimicking, 638.e1-638.e2
β-agonists in patients with COPD and (letter), 104-105, 1060
ECG
findings to differentiate left-sided pneumothorax from (letter), 959-962
T-wave changes in, 716-720
fatal, after hydrochloric acid ingestion in a suicide attempt, 634.e5-634.e7
inferior, presenting as severe headache, with subsequent cardiogenic shock secondary to VF, 387.e1-387.e2
after near-drowning, 635.e3-635.e5
non-ST-segment elevation
clinical presentation in the course of mad honey intoxication, 108.e1-108.e2
prognostic value of admission ST-segment elevation in lead aVR, in combination with conventional risk factors in, 408-412
posterior, unique diagnosis of, 520.e5-520.e6
ST-segment elevation
ECG algorithms for predicting complexity of coronary artery lesions in, 10-17
management in ED of, 91-100
role of adjunctive antiplatelet therapy in, 212-220
Myocarditis, from black widow spider envenomation, 630.e1-630.e3
Myopathy, acute kidney failure, and neuropathy, after ingestion of dipropylene glycol fog solution, 635.e1-635.e2
Myopericarditis, acute streptococcal, mimicking MI, 638.e1-638.e2
Myxoma, cardiac
emboli, complete aortic occlusion caused by, 110.e1-110.e2
giant, sepsis as complication of, 387.e3-387.e4

Naloxone
in advanced cardiac life support (editorial), 902-903
combined with epinephrine, effect on resuscitation of cardiopulmonary arrest, 898-901
prescription of, in ED management of patients with cardiac arrest, 113.e5-113.e8
Nasal septum, magnets adherent to, novel method of removal, 839.e1-839.e2
Nasogastric tube, and abdominal CT, efficacy in acute poisoning, 738.e3-738.e5
National Institutes of Health Stroke Scale (NHISS), SQS as visual aid to, for scoring neurologic deficits in acute stroke, 189-190
Near-drowning, MI after, 635.e3-635.e5
Neck mass, lateral, clinician-based ultrasound for evaluation of, in ED, 386.e3-386.e6
Necrotizing fasciitis
cervical, life-threatening, after dental extraction, 971.e5-971.e7
predictors of mortality in, 170-175
Needle decompressions, for tension pneumothorax, prehospital performance by experienced paramedics, 597-602
Nephrectomy, for spontaneous hemorrhagic angiomyolipoma with massive hematuria leading to, 249.e3-249.e5
Neuroborreliosis, Lyme disease, in a child, acute ataxia as manifestation of, 1069.e5-1069.e6
Neurofibromatosis, life-threatening subcutaneous hematoma in a patient with, 522.e1-522.e2
Neurologic deficit
in acute stroke, SQS as visual aid to NIHSS for scoring, 189-190
and fever, as presentation of spinal cord arteriovenous malformation in a toddler, 1072.e5-1072.e7
prevalence during first year after electric shock, 413-418
Neuropathy, acute kidney failure, and myopathy, after ingestion of dipropylene glycol fog solution, 635.e1-635.e2
Nisoldipine, exposure patterns of (letter), 367-368
Nitrofurazone, topical, *versus* mupirocin, prophylactic efficacy against murine crush wound infection, 137-143
Nitrous oxide, ambient levels of, in modular ambulance, 186-188
Nurses, trained pediatric ED, effect of volumetric ultrasound performed by, on success of catheterization in pediatric patients, 18-23

Occlusion, complete aortic, caused by cardiac myxoma emboli, 110.e1-110.e2
Occupational exposure

acute titanium dioxide poisoning causing metal fume fever, 608-611
to sewer gas, hydrogen sulfide intoxication due to, 518.e5-518.e7
Older patients. *see* Geriatric patients
Omeprazole, rhabdomyolysis and hyponatremic delirium induced by, 519.e1-519.e2
One-and-a-half syndrome, as presentation of acute myeloid leukemia, 513.e1-513.e2
Organophosphate poisoning, acute, acid-base interpretation as predictor of outcome among patients with, before hospitalization, 24-30
(letter), 721-723
Osmolality, effect of sample volume on measurement of, using Advanced 3250 osmometer (letter), 1060-1061
Osmometer, Advanced 3250, effect of sample volume for measurement of osmolality by using (letter), 1060-1061
Outcomes
acid-base interpretation as predictor of, among patients with acute organophosphate poisoning before hospitalization, 24-30
(letter), 721-723
of appendicitis with increasing CT scanning, 39-44
assessment using severity measures for acute asthma as first step in development of prediction rule, 473-479
of patients with elevated cardiac troponin I level after mild trauma, 248.e3-248.e5
Out-of-hospital
clinical characteristics of aortic aneurysm and dissection as cause of sudden death in, 1042-1046
feasibility of BiPAP ventilation in, 165-169
oxygen inhalation using oxygen concentrator in low-pressure environment, 981-984
Out-of-hospital Cardiac Arrest (OHCA), comparison of bystander CPR rates in Hispanic *versus* non-Hispanic populations, 655-660
Outpatient. *see* Out-of-hospital
Ovarian hyperstimulation syndrome
complication of in vitro fertilization, 115.e3-115.e4
presenting as tachycardia, hypotension, and abdominal pain, 736.e3-736.e4
Ovarian torsion, acute, presenting as abdominal pain and distension, 520.e1-520.e3
Oxygen concentrator, used for oxygen inhalation in low-pressure environment outside of hospital, 981-984
Oxygen inhalation, using oxygen concentrator in low-pressure environment outside of hospital, 981-984
Oxygen saturation, room air, effects of smoking, race, and sex on, 131-136

Pain. *see also* specific type or site
chronic, barriers to management of, in ED, 255-263
induced by antibiotic skin test, ethyl chloride spray *vs.* ice cube for control of, 59-61
from long-bone fractures, racial or ethnic disparity in treatment, 270-274
RLQ, EVUS in nonpregnant woman with, in ED, 81-85
severe
acute, ideal morphine dose for prehospital treatment of, 148-154
safety of intravenous morphine titration for, in ED, 676-682
Palsy, facial nerve
delayed-onset, as presentation of mastoid bone fracture, 386.e1-386.e2
posttraumatic delayed, 115.e1-115.e2
Pancreatitis
acute
caused by severe glyphosate-surfactant oral intoxication, 384.e3-384.e5
presenting as acute inferior wall ST-segment elevations on ECG, 734.e1-734.e4
topical chronic, unusual case in juveniles, 731.e5-731.e6
Paramedics, experienced, prehospital performance of needle decompression for tension pneumothorax, 597-602
Paraplegia
acute, caused by benzathine penicillin injection, 250.e1-250.e5
(letter), 963-964
complete fracture-dislocation of the thoracolumbar spine without, 633.e5-633.e7
painless, acute aortic dissection with, 631.e3-631.e5
Paraquat
fatal intoxication with, 836.e3-836.e4
poisoning, effects of hemoperfusion using nonpulsatile *versus* dual pulsatile pump, 641-648
Parastomal hernia, massive, with strangulation, 109.e3-109.e4
(erratum), 378
Parathyroid hormone-related protein (PTHrP) levels, role in paroxysmal atrial fibrillation (letter), 361-363
Paroxysmal supraventricular tachycardia (PSVT), prognostic index for efficacy of adenosine, 304-309
Pasteurella multocida, septic shock, after cat scratch in elderly, 380.e1-380.e3
Patient-related factors, impact on normal CRT, 62-65
Patient transport
emergency medical service triage protocol allowing direct patient transport to psychiatric emergency services, 750-756
information on patient transfer to trauma center (letter), 371-372
length of unsuccessful resuscitations for cardiac arrest, 206-211
timing of, in trauma patients, 465-468
Pco_2, and pH venous-arterial differences, increased by hyperventilation and finger exercise, 975-980
Pediatrics
age-related changes in ECG, arrhythmias, ECG indicators of heart disease, 221-228
(erratum), 506-512
diabetic ketoacidosis in toddler with diaper rash, 834.e1-834.e2
ECG
abnormalities in congenital heart disease and other cardiac syndromes, 497-503
manifestations of arrhythmias in, 348-358
ED management of syncope, 66-70
(letter), 1059-1060
effect of
household children on adult ED parenting smokers' motivation to quit, 757-762
volumetric ultrasound performed by trained nurses on catheterization, 18-23
hemoptysis secondary to diffuse alveolar hemorrhage and respiratory failure, 639.e3-639.e4
internal hernia associated with MD, 86-90
outcomes of intervention for child witnesses of IPV, 389-394
procedural sedation for fracture reduction in ADHD, 661-664
sonographic IVC/Ao diameter index for assessment of body fluid status, 320-325
spinal cord arteriovenous malformation presenting with altered mental status and fever, 1072.e5-1072.e7
stroke caused by isolated middle cerebral artery dissection after backward somersault, 519.e3-519.e5
Peliosis, splenic, causing spontaneous splenic rupture of hemodialysis patient with chronic renal failure receiving erythropoietin, 109.e1-109.e2
Pelvic ectopic kidney, with acute pyelonephritis, suspected as acute appendicitis with sepsis, 517.e3-517.e4
Penis, laceration of, due to human bite, leading to inguinal phlegmon with positive serology for syphilis, 250.e7-250.e8
Peptic ulcer, perforated, associated with abdominal compartment syndrome, 1071.e3-1071.e5
Percutaneous coronary intervention
for STEMI management in ED, 91-100
use of adjunctive anticoagulants in patients with ACS transitioning to, 932-941
Pericarditis
as initial manifestation of proximal aortic dissection in young patients, 379.e3-379.e5
with pulmonary hypertension, central cyanosis as first symptom of SLE caused by, 248.e1-248.e2
Peritoneal dialysis, continuous ambulatory, encapsulating peritoneal sclerosis as complication of, 245.e3-245.e4
Peritonitis, pneumoperitoneum without, 841.e1-841.e2
pH, and Pco_2 venous-arterial differences, increased by hyperventilation and finger exercise, 975-980
Pharmacokinetics, intraosseous *vs.* intravenous administration of morphine sulfate, 31-38
Pharmacologic reperfusion therapy, for STEMI management in ED, 91-100
Pharynx, occult lacerations of, by glass fragments, 518.e1-518.e3
Phentermine, cardiac arrest associated with consumption of, 732.e1-732.e3
Pheochromocytoma
in aortic dissection (letter), 626-627
presenting as intestinal pseudo-obstruction and hyperamylasemia, 971.e1-971.e4
Phlegmasia cerulea, ruptured abdominal aortic aneurysm masquerading as, 1067.e1-1067.e2
Physicians
increase in number of criminal prosecutions against, due to medical negligence in Japan (letter), 105-106
role in disaster planning (letter), 239-242
Pituitary apoplexy, associated with cortisol-induced hyperglycemia and acute delirium, 1068.e1-1068.e3
Plateletpheresis, and intramedullary rod fixation, followed by hydroxyurea, femoral fracture with essential thrombocythemia managed with, 636.e1-636.e3
Pleural effusion, massive ipsilateral, caused by transdiaphragmatic intercostal hernia, 252.e3-252.e4
Pneumatosis coli, avoidable abdominal surgery in, 517.e1-517.e2
Pneumomediastinum
after motor vehicle crash and ejection in an adolescent, 515.e1-515.e2
spontaneous, after air travel, 116.e1-116.e2

Pneumonia
effect of automated chest radiograph at triage on time to antibiotics in patients with, 264-269
health care associated, identification and initial management in ED, S1-S11
Pneumopericardium, after motor vehicle crash and ejection in an adolescent, 515.e1-515.e2
Pneumoperitoneum
caused by gas-forming bacterial peritonitis, 838.e3-838.e5
without peritonitis, 841.e1-841.e2
Pneumothorax
delayed, as complication of minor rib fracture after chest trauma, 551-554
left-sided, ECG findings to differentiate MI from (letter), 959-962
tension, as additional cause of electrocardiographic changes in lead aVR (letter), 242-243
Point-of-care testing, in ED, false elevation of cardiac troponin I using, 969.e1-969.e2
Poison control centers, impact on poisoning-related visits to ED, 310-315
Poisoning
acute, efficacy of abdominal CT and nasogastric tube in, 738.e3-738.e5
association of cardiovascular toxins and ECG abnormality in (letter), 957-959
with carbon monoxide
clinical significance of carboxyhemoglobin levels in, 665-669
lactate serum level as prognostic factor in, 966.e1-966.e3
myelin basic protein in cerebrospinal fluid as a predictive marker of delayed encephalopathy from, 908-912
ED visits for, impact of poison control centers on, 310-315
with hydrochloric acid, in a suicide attempt, fatal MI after, 634.e5-634.e7
with organophosphate, acute, acid-base interpretation as predictor of outcome among patients with, before hospitalization, 24-30
(letter), 721-723
paraquat, effects of hemoperfusion using nonpulsatile *versus* dual pulsatile pump, 641-648
tetrodotoxin, puffer fish, 383.e3-383.e6
by titanium dioxide, causing metal fume fever, 608-611
with UDCA, patient with numerous tablets of, in stomach after 5 hours of ingestion, 118.e1-118.e2
Polymethyl methacrylate, pulmonary emboli caused by, after percutaneous vertebroplasty, 636.e5-636.e7
Portal vein thrombosis, secondary to protein C deficiency, incidental finding in painless jaundice, 516.e1-516.e2
Postconcussion syndrome, after mild traumatic brain injury, serum cleaved tau for prediction of, 763-768
Posterior arch of atlas, partial agenesis of, 118.e3-118.e5
Posterior fossa, herniation of giant arachnoid cyst in, as differential diagnosis in postural headache, 247.e1-247.e3
Postpartum state, intracranial hemorrhage disguised as preeclampsia, 247.e5-247.e6
Posttraumatic stress disorder (PTSD), exposure-based intervention in ED for prevention of, 326-330
Potentially inappropriate medications (PIMs)
and potential adverse drug effects, prevalence in elderly ED patients, 697-700
prevalence in elderly ED patients based on Beers criteria (editorial), 695-696
Pott's Puffy tumor, after minor head trauma, 739.e1-739.e3
Preeclampsia, postpartum intracerebral hemorrhage disguised as, 247.e5-247.e6
Pregnancy
cardiac memory T-wave changes after ventricular tachycardia in, 968.e1-968.e3
heterotopic, presenting with acute left chest pain, 835.e1-835.e2
intravenous *N*-acetylcysteine for treatment of acetaminophen overdose, 735.e1-735.e2
Prehospital care
ideal morphine dose for severe acute pain, 148-154
performance of needle decompression for tension pneumothorax by experienced paramedics, 597-602
Premature ventricular contractions (PVCs), bigeminal, painless type A aortic dissection in, 112.e1-112.e3
Preoperative period, WBC count in patients operated for suspected acute appendicitis during, 769-772
Propylene glycol
fog solution, acute renal failure, neuropathy and myopathy after ingestion of, 635.e1-635.e2
intoxication, life-threatening double gap metabolic acidosis caused by, 385.e5-385.e6
Prostaglandin
inhibition of
effects on whole-body ischemia-reperfusion injury in swine, 45-53
and ischemia (editorial), 101-102
Prostatitis, acute, urinary retention secondary to perforated diverticulitis misdiagnosed as, 842.e3-842.e4
Protein C deficiency, incidental finding of portal vein thrombosis secondary to, in painless jaundice, 516.e1-516.e2
Proton pump inhibitor, rhabdomyolysis and hyponatremic delirium induced by, 519.e1-519.e2
Pseudo-subarachnoid hemorrhage, CT findings of, 521.e1-521.e2
Pseudothrombocytopenia, mismanagement of acute MI in a patient with, 740.e1-740.e2
Psychiatric emergency service, emergency medical service triage protocol allowing direct patient transport to, 750-756
Pulmonary arteriovenous malformation, presenting with chest pain, hemoptysis, and hypoxia, 904-907
Pulmonary edema
caused by benzathine penicillin injection, 250.e1-250.e5
(letter), 963-964
noncardiogenic acute, associated with sudden coma due to severe hypoglycemia, 839.e3-839.e6
Pulmonary embolism
as additional cause of ECG changes in lead aVR (letter), 242-243
cardiac troponin I and risk stratification in (letter), 235-237
caused by polymethyl methacrylate, after percutaneous vertebroplasty, 636.e5-636.e7
limitations of ECG and role of echocardiography in diagnosis of, 632.e1-632.e3
PERC rule's performance in ED, 181-185
severe massive, floating thrombus of right ventricle in, 1071.e1-1071.e2
value of IMA in the diagnosis of (letter), 624-625
Pulmonary embolism rule-out criteria (PERC) rule, performance for suspected pulmonary embolism in ED, 181-185
Pulmonary hypertension, severe, with pericarditis, central cyanosis as first symptom of SLE caused by, 248.e1-248.e2
Pulmonary thromboembolism, correlation with seasonal variation in terms of atmospheric pressure, humidity, and temperature, 1035-1041
Pulse oximetry, room air, effects of smoking, race, and sex on, 131-136
Purtscher's retinopathy, posttraumatic loss of vision diagnosed as, 836.e1-836.e2
Push-ups, as atraumatic etiology of bilateral shoulder dislocation, 116.e3-116.e4
Pyelonephritis, acute, pelvic ectopic kidney with, suspected as acute appendicitis with sepsis, 517.e3-517.e4
Pyomyositis, due to community-associated methicillin-resistant *Staphylococcus aureus*, complicated by compartment syndrome, 737.e3-737.e4

QT interval, fatal, 739.e5-739.e6
Quadriparesis, acute, caused by spinal arteriovenous malformation, 731.e1-731.e3
Quadriplegia, as presentation of ruptured cervical arteriovenous fistulas, 249.e1-249.e2

Race
effect on pulse oximetry, 131-136
role of skin color in the detection of genital injury during forensic sexual assault examination, 857-866
Racial disparity
in bystander CPR rates for OHCA, 655-660
in ED analgesia use, improvement of, 462-464
in preferences for cardiac tests, 545-550
in treatment of pain from long-bone fractures, 270-274
Radiography
chest, automated, effect at triage on time to antibiotics, in patients with pneumonia, 264-269
digital, for rapid identification of bullets in multiple gunshot wounds, 965.e5-965.e7
plain, comparison of emergency resident interpretation of, by year of training (letter), 366-367
Radiological weapons, healthcare facility-based decontamination of victims exposed to biological, chemical and, 71-80
Rapid-sequence intubation (RSI)
ED use of etomidate for, 946-950
induction, use of etomidate in critically ill septic patients, 229-232
(letter), 728-730
prognostic factors of hypotension after, 845-851
Renal failure, amantadine-induced serotonin syndrome in patient with, 112.e5-112.e6
Reperfusion therapy, pharmacologic or mechanical, for STEMI management in ED, 91-100
Residents
in emergency medicine, comparison of interpretation of plain radiographs by year of training (letter), 366-367

productivity as a function of shift length in ED, 789-791
Resource utilization, in ED, correlation of Ped-CTAS to, 893-897
Respiratory distress syndrome (ARDS), posttraumatic acute, risk factors of impacting mortality rate in severe multiple trauma patients with, 419-424
Respiratory failure
acute, associated with polymethyl methacrylate pulmonary emboli after percutaneous vertebroplasty, 636.e5-636.e7
with diffuse alveolar hemorrhage and hemoptysis, in a child, 639.e3-639.e4
Respiratory rate, bias in reporting of (letter), 237-239
Resuscitation
after cardiac arrest, effect of emergency CPB on survival rate, 649-654
of cardiopulmonary arrest, effect of naloxone combined with epinephrine on, 898-901
development of reliable questionnaire in knowledge of (letter), 723-728
prolonged, use of tenecteplase without neurological sequelae, 1068.e5-1068.e7
for ruptured abdominal aortic aneurysm using endovascular balloon
in an octogenarian, 967.e1-967.e3
unsuccessful, length in cardiac arrest occurring in the field and transported *versus* in the ED, 206-211
Retroperitoneal hemorrhage, massive, after bone marrow aspiration, 1070.e5-1070.e6
Rhabdomyolysis
abdominal wall, induced by binge drinking of alcohol and intensified exercise, 521.e3-521.e4
and hyponatremic delirium, induced by proton pump inhibitor, 519.e1-519.e2
Rib fracture, delayed pneumothorax as complication of, after chest trauma, 551-554
Right lower quadrant (RLQ) pain, EVUS in nonpregnant woman with, in ED, 81-85
Right ventricle, floating thrombus of, in severe massive pulmonary embolism, 1071.e1-1071.e2
Risks factors, of impacting mortality rate, in severe multiple trauma patients with posttraumatic ARDS, 419-424
Risk stratification
in ACS, admission ST-segment elevation in lead aVR for improvement of, 408-412
in pulmonary embolism, role of cardiac troponin I (letter), 235-237
Rupture
of abdominal aortic aneurysm
masquerading as phlegmasia cerulea, 1067.e1-1067.e2
resuscitation using endovascular balloon in an octogenarian, 967.e1-967.e3
of cervical arteriovenous fistula, presenting with subarachnoid hemorrhage and quadriplegia, 249.e1-249.e2
spontaneous, of uterine leiomyoma, massive hemoperitoneum resulting from, 974.e1-974.e2

Salbutamol, for treatment of acute severe asthma, lactic acidosis induced by, 514.e1-514.e3
San Francisco Syncope Rule (SFSR), safety and accuracy of, applied to elderly ED patients with syncope or near-syncope, 773-778
Sarcoidosis, laryngeal, acute upper airway obstruction caused by, 114.e1-114.e3
Scalp laceration, physician *versus* nurses on performance of hair apposition technique for repair of, 433-438
Schmidt syndrome, epigastric pain as presentation of addisonian crisis in, 251.e3-251.e4
Sclerosis, encapsulating peritoneal, as complication of CAPD, 245.e3-245.e4
Seasonal variation, in terms of atmospheric pressure, humidity, and temperature, correlation with incidence of pulmonary thromboembolism, 1035-1041
Sedation, procedural
in adults, adverse events associated with ketamine for, 985-1028
for fracture reduction in children with ADHD, 661-664
versus ultrasound-guided supraclavicular brachial plexus nerve block, for upper extremity emergencies, 706-710
Seizure
generalized tonic, extrapontine myelinolysis presenting as, after correction of hyponatremia, 632.e5-632.e6
as primary presentation of type A aortic dissection, 245.e1-245.e2
Sepsis
acute appendicitis with, pelvic ectopic kidney with acute pyelonephritis suspected as, 517.e3-517.e4
as complication of giant cardiac myxoma, 387.e3-387.e4
heart rate variability measures as predictors of in-hospital mortality in ED patients with, 395-401
severe, performance of MEDS score for predicting hospital mortality among patients with, 689-692
use of etomidate effect for RSI induction in critically ill patients (letter), 728-730
use of etomidate for RSI induction in critically ill patients, 229-232
Septic diskitis, spontaneous, misdiagnosed as intervertebral disk herniation, 514.e5-514.e6
Septic shock, performance of MEDS score for predicting hospital mortality among patients with, 689-692
Serotonin syndrome
amantadine-induced, in patient with renal failure, 112.e5-112.e6
caused by a single dose of subxone, 840.e3-840.e5
induced by Lexapro (escitalopram) and Flexeril (cyclobenzaprine), 1069.e1-1069.e3
Sewer gas, acute hydrogen sulfide toxicity due to exposure to, 518.e5-518.e7
Sex disparity, in preferences for cardiac tests, 545-550
Sex factors, effect on pulse oximetry, 131-136
Sexual assault, forensic examination for, role of skin color in the detection of genital injury during, 857-866
Shift length, resident productivity in ED as a function of, 789-791
Shock
acute severe hemorrhagic, changes in SOD activity and MDA plasma level during, in rats, 54-58
exposure, 12-lead ECG monitoring of subjects before and after voluntary exposure to Taser X26 for determination of, 1-4
implantable cardioverter-defibrillator, efficacy and safety of, for terminating recurrent ventricular tachycardias, 1066.e1-1066.e3
Shocking apparent asystole, prohibition on, 618-622
(letter), 1057
Shoulder dislocation
bilateral, push-ups as atraumatic etiology of, 116.e3-116.e4
reduction in ED, ultrasound-guided interscalene block for, 1061
ultrasound-guided interscalene block for (letter), 627-629
Skin adhesive, topical, properties, advantages, indications, and usage, 490-496
Skin necrosis, as complication from delayed treatment of calcaneal avulsion fractures, 254.e1-254.e4
Small bowel obstruction
due to MD associated with internal hernia in pediatric patients, 86-90
due to superior mesenteric artery syndrome in ED, 114.e5-114.e6
Smoking
effect on pulse oximetry, 131-136
household children's effect on adult ED parenting smokers' motivation to quit, 757-762
Snakebite, efficacy of low-dose antivenom therapy on morbidity and mortality in, 402-407
(letter), 1058-1059
Sneezing, spontaneous orbital subcutaneous emphysema after, 381.e1-381.e2
Social support, as predictor of ED use among older adults, 454-461
Somersault, backward, cause of isolated middle cerebral artery dissection in an adolescent, 519.e3-519.e5
Spinal arteriovenous malformation
acute quadriparesis caused by, 731.e1-731.e3
presenting with altered mental status and fever in a toddler, 1072.e5-1072.e7
Spinal cord injury, predicting development of anemia by measuring inferior vena cava diameter of patients with, 446-449
Spinal epidural air, after severe pelvic and abdominal trauma, 740.e3-740.e5
Splenic peliosis, causing spontaneous splenic rupture of hemodialysis patient with chronic renal failure receiving erythropoietin, 109.e1-109.e2
Splenic rupture
after colonoscopy, 117.e1-117.e3
as life-threatening complication after colonoscopy, 834.e3-834.e4
spontaneous
caused by splenic peliosis of hemodialysis patient with chronic renal failure receiving erythropoietin, 109.e1-109.e2
as differential diagnosis of acute abdomen, 733.e5-733.e6
Splenic sequestration, acute, in adult with hemoglobin S-C disease, 1064.e5-1064.e8
Staphylococcus aureus
community-associated methicillin-resistant

causing pyomyositis, complicated by compartment syndrome, 737.e3-737.e4
missed diagnosis of epidural brain abscess due to, in a patient with recent furunculosis, 522.e3-522.e4
Lemierre syndrome variant caused by, 380.e5-380.e7
ST-elevation myocardial infarction (STEMI), cardiac literature 2007, 817-833
Sternoclavicular joint, posterior dislocation of clavicle at the, 108.e3-108.e4
Stonefish, envenomation, 972.e1-972.e2
Strangulation, massive parastomal hernia with, 109.e3-109.e4
(erratum), 378
Streptococcus, Lancefield group A, acute myopericarditis mimicking MI caused by, 638.e1-638.e2
Stress disorders, post-traumatic, exposure-based intervention in ED for prevention of, 326-330
Stroke
acute, SQS as visual aid to NIHSS for scoring neurologic deficits in, 189-190
approach to optimizing care of, 808-816
brainstem, with catastrophic anticoagulant use, painless aortic dissection misdiagnosed as, 253.e1-253.e2
childhood, caused by isolated middle cerebral artery dissection after backward somersault, 519.e3-519.e5
in elderly patients, management and prognosis in ED, 742-749
postpartum, diagnostic challenge in, 843.e3-843.e4
Stroke Quick Score (SQS), as visual aid to NHISS for scoring neurologic deficits in acute stroke, 189-190
ST-segment elevation
acute pancreatitis presenting as acute inferior wall, 734.e1-734.e4
anterior, disproportional, due to acute myocardial infarction with LLLB, 342-347
in lead aVR, prognostic value in combination with conventional risk factors for ACS, 408-412
ST-segment elevation myocardial infarction (STEMI)
ECG algorithms for predicting complexity of coronary artery lesions in, 10-17
management in ED of, 91-100
role of adjunctive antiplatelet therapy in, 212-220
Subarachnoid hemorrhage
IMA levels in, 874-878
intracranial and intraspinal, after lumbar puncture, 633.e1-633.e3
as presentation of ruptured cervical arteriovenous fistulas, 249.e1-249.e2
Subcutaneous hematoma, life-threatening, in a patient with neurofibromatosis, 522.e1-522.e2
Subxone, single dose, as cause of serotonin syndrome, 840.e3-840.e5
Suicidal ideation, disclosure in ED patients, 701-705
Suicide attempt
acute toxic hepatitis after chloroform and dichloromethane ingestion in, 1073.e3-1073.e6
fatal MI after hydrochloric acid ingestion in, 634.e5-634.e7
Superior mesenteric artery syndrome, small bowel obstruction in ED due to, 114.e5-114.e6
Superoxide dismutase (SOD), changes in MDA plasma level and activity of, during ASHS in rats, 54-58
Supraclavicular blocks, brachial plexus, ultrasound-guided, *versus* procedural sedation, for upper extremity emergencies, 706-710
Supraventricular tachycardia (SVT), adenosine in the treatment of, 879-882
Survival
in acute trauma, central venous *versus* arterial base deficit, as predictor of, 119-123
after complete laryngotracheal transection for blunt cervical and thoracic trauma, 837.e3-837.e4
rate, effect of emergency CPB for resuscitation after cardiac arrest, 649-654
Syncope
cardiac literature 2007, 817-833
pediatric, ED management of, 66-70
(letter), 1059-1060
safety and accuracy of SFSR applied to elderly ED patients with, 773-778
Syphilis, penile bite laceration leading to inguinal phlegmon with positive serology for, 250.e7-250.e8
Systemic inflammatory response syndrome, bias in reporting of respiratory rates (letter), 237-239
Systemic lupus erythematosus (SLE)
central cyanosis caused by pulmonary hypertension with pericarditis as first symptom of, 248.e1-248.e2
rapid progression of atrioventricular nodal blockade in a patient with, 967.e5-967.e7

Tachycardia
hypotension, and abdominal pain, ovarian hyperstimulation syndrome presenting as, 736.e3-736.e4
supraventricular, adenosine in the treatment of, 879-882
ventricular, in pregnancy, cardiac memory T-wave changes after, 968.e1-968.e3
Takotsubo cardiomyopathy, cardiac arrest in a patient with normal coronary arteries, 734.e5-734.e7
Taser X26, 12-lead ECG monitoring of subjects before and after voluntary exposure to, 1-4
Temperature, atmospheric, correlation with incidence of pulmonary thromboembolism, 1035-1041
Tenecteplase, use in prolonged resuscitation without neurological sequelae, 1068.e5-1068.e7
Tension pneumothorax
as additional cause of electrocardiographic changes in lead aVR (letter), 242-243
prehospital performance of needle decompressions by experienced paramedics, 597-602
Terazosin, acute intoxication with, 117.e5-117.e6
Tetrodotoxin, poisoning, puffer fish, 383.e3-383.e6
Therapeutic cupping, acquired hemophilia A associated with, 970.e1-970.e2
Thermal exposure, alteration in prehospital drug concentration after, 566-573
Thoracic spine, spontaneous epidural hematoma of, 384.e1-384.e2
Thoracolumbar spine, complete fracture-dislocation of, without paraplegia, 633.e5-633.e7
Thromboembolism, and multiple cardiac thrombi, in a heparin-induced thrombocytopenia antibody positive patient with heart failure, 1066.e5-1066.e7
Thrombolysis in Myocardial Infarction (TIMI) risk score, prognostic value in patients with chest pain, 439-445
Thrombosis
cerebral venous sinus, due to hyperthyroidism, as cause of headache, 383.e1-383.e2
floating, of right ventricle, in severe massive pulmonary embolism, 1071.e1-1071.e2
Thymosin alpha 1 (Talpha1), short-term and long-term effects on reimplantation of avulsed teeth, 574-577
Thyroid cartilage, isolated fracture, neck hyperflexion causing, 1064.e1-1064.e3
Thyrotoxic crisis, successful treatment of gastric perforation with, 1065.e3-1065.e4
Time factors, as barriers to chronic pain management in ED, 255-263
Titanium dioxide poisoning, causing metal fume fever, 608-611
Toddler. *see* Pediatrics
Tooth avulsion, short-term and long-term effects of Talpha1 on reimplantation, 574-577
Trachea, intubation laryngeal mask airway for drug administration into (letter), 370-371
Transarterial embolization, in management of life-threatening hemorrhage after maxillofacial trauma, 516.e3-516.e5
Transdiaphragmatic intercostal hernia, causing massive ipsilateral pleural effusion, 252.e3-252.e4
Transection, of carotid artery, damage control in, 841.e3-841.e5
Transesophageal defibrillation, efficacy after long episodes of VF, 287-290
Transient ischemic attack, involving vertebrobasilar circulation, association of severe anemia with, 382.e3-382.e4
Trauma
acute
central venous *versus* arterial base deficit, as predictor of survival, 119-123
elbow, preservation of active range of motion after, as predictor for absence of fracture, 779-782
blunt
cervical and thoracic, survival after complete laryngotracheal transection for, 837.e3-837.e4
late presentation of diaphragmatic rupture and hepatic hernia after, 638.e3-638.e5
chest, delayed pneumothorax complicating minor rib fracture after, 551-554
facial subcutaneous emphysema secondary to, 733.e1-733.e4
gastric fluid sign as an unrecognized false-positive finding during FAST examination, 630.e5-630.e7

head, minor, Pott's Puffy tumor after, 739.e1-739.e3
maxillofacial, transarterial embolization in management of life-threatening hemorrhage after, 516.e3-516.e5
mild, outcome of patients with elevated cardiac troponin I level after, 248.e3-248.e5
multiple
delayed necrotizing acalculous cholecystitis after, 631.e1-631.e2
severe, with posttraumatic ARDS, risk factors of impacting mortality rate in, 419-424
neck, acute, congenital defect of atlas and axis as cause of misdiagnose when evaluating, 840.e1-840.e2
pelvic and abdominal, severe, spinal epidural air after, 740.e3-740.e5
timing of patient transfer and specific trauma systems, 465-468
Trauma care, information on patient transfer to trauma center (letter), 371-372
Treatment refusal, contribution of impairment and illness severity on emergency physicians' decision to override, 803-807
Triage
emergency medical service, compliance and safety of direct psychiatric center transport protocol, 750-756
low priority, as barriers to chronic pain management in ED, 255-263
scoring systems and priority scores, influence on timeliness of ED analgesic administration, 867-873
on time to antibiotics, in patients with pneumonia, effect of automated chest radiograph on, 264-269
Tropical chronic pancreatitis (TCP), unusual case in juveniles, 731.e5-731.e6
Troponin
cardiac, use and interpretation in ED, 331-341
elevated levels of, simple and practical classification of (letter), 951-952
Troponin I, cardiac
false elevation of, in point-of-care testing in the ED, 969.e1-969.e2
outcome of patients with elevation in, after mild trauma, 248.e3-248.e5
and risk stratification in pulmonary embolism (letter), 235-237
Tuberculosis
among health care workers in Brazilian tertiary hospital emergency unit, 796-798
pulmonary, active, in ED, delayed diagnosis of, 888-892
T wave changes
in acute cardiac and cerebral events, 716-720
cardiac memory, after ventricular tachycardia in pregnancy, 968.e1-968.e3

Ultrasonography
assisted localization for lumbar puncture in the ED (letter), 955-957
bedside
for the detection of diabetic myonecrosis, 969.e3-969.e4
by emergency physicians for identification of landmarks relevant to cricothyrotomy, 852-856
of lung, for monitoring of acute decompensated heart failure, 585-591
clinician-based, for evaluation of lateral neck mass in ED, 386.e3-386.e6
emergency
IVC/Ao diameter index for assessment of body fluid status in children and young adults, 320-325
screening for abdominal aortic aneurysm in asymptomatic at-risk patients using, 883-887
endovaginal pelvic, in nonpregnant woman with RLQ pain in ED, 81-85
interscalene block for shoulder dislocation reduction in ED (letter), 627-629, 1061
supraclavicular brachial plexus nerve block for upper extremity emergencies, 706-710
volumetric, by trained pediatric ED nurses, effect on first-attempt urine collection success rates., 18-23
Upper airway obstruction, acute, caused by laryngeal sarcoidosis, 114.e1-114.e3
Upper extremity emergencies, ultrasound-guided supraclavicular brachial plexus nerve block *versus* procedural sedation for, 706-710
Urethral obstruction, due to foreign body migration into genitourinary system, 842.e1-842.e2
Urinary retention, acute, secondary to perforated diverticulitis, misdiagnosed as acute prostatitis, 842.e3-842.e4
Urinary symptoms, as subtle signs of ketamine abuse in ED (letter), 1061
Urine, Access immunoassay for quantitative measurement of hCG in (letter), 103-104
Ursodeoxycholic acid (UDCA), patient with numerous tablets of, in stomach after 5 hours of ingestion, 118.e1-118.e2
Uterine leiomyoma, massive hemoperitoneum resulting from spontaneous rupture of, 974.e1-974.e2

Valproic acid
intoxication, management with hemoperfusion and L-carnitine, 388.e3-388.e4
massive overdose of, misleading case, 110.e3-110.e6
Valsalva maneuver, in-flight, life-threatening Wünderlich syndrome induced by, 732.e5-732.e6
Varicella zoster, presenting as abdominal pain, implications for infection control in ED (letter), 1062-1063
Vasopressor agents, rationale of use for CPR (letter), 368-370
Ventilation, BiPAP, feasibility in out-of-hospital setting, 165-169
Ventricular fibrillation (VF)
cardiogenic shock secondary to, in inferior MI, 387.e1-387.e2
effect of atenolol and epinephrine on outcome of CPR in, 578-584
long episodes, efficacy of transesophageal defibrillation after, 287-290
new CPR method using rhythmic abdominal compression for (erratum), 378
(letter), 374-377, 625-626
Ventricular tachycardia
in pregnancy, cardiac memory T-wave changes after, 968.e1-968.e3
recurrent, efficacy and safety of implantable cardioverter defibrillator shocks for termination of, 1066.e1-1066.e3
Vertebrobasilar circulation, association of severe anemia with transient ischemic attack involving, 382.e3-382.e4
Vertebroplasty, percutaneous, acute respiratory failure associated with polymethyl]methacrylate pulmonary emboli after, 636.e5-636.e7
Vibrio infection, as predictor of mortality in patients with necrotizing fasciitis, 170-175
Visual loss, posttraumatic, diagnosed as Purtscher's retinopathy, 836.e1-836.e2
Vitamin deficiency, prevalence in alcohol intoxicated patients in ED, 792-795
Volumetric ultrasound, by trained pediatric ED nurses, effect on first-attempt urine collection success rates., 18-23

Wandering spleen, presenting as bleeding gastric varices, 637.e1-637.e4
War surgery, principles of, 480-489
Weight force, to lower torso, influence on IVC and cardiovascular parameters, 603-607
Wendl tube, inadvertent intracranial placement of, as complication of cardiopulmonary reanimation, 639.e1-639.e2
White blood cell (WBC) count
band form, as predictor of mortality in patients with necrotizing fasciitis, 170-175
preoperative, in patients operated for suspected acute appendicitis, 769-772
White phosphorus, associated with burn injuries, 974.e3-974.e5
Wolff-Parkinson-White syndrome, intermittent, in an adolescent with variant angina, 968.e5-968.e7
Wounds
from foreign body, clinical characteristics and management in the ED, 918-922
infection, prophylactic efficacy of topical mupirocin *versus* nitrofurazone against, in murine, 137-143
multiple gunshot, Lodox Statscan for rapid identification of bullets in, 965.e5-965.e7
Wounds and injuries. *see also* specific type or site
Wünderlich syndrome, life-threatening, induced by in-flight valsalva maneuver, 732.e5-732.e6

Ziprasidone, profound hypothermia secondary to normal use of, 737.e1-737.e2